Secrt. II-27—53,004—27-10-47.

PW (1949) Department.

MS SERIES.

G.O. NO. 1145

1145

Dated 27/3/49

27/3/1949

Closed

Submitted PWD

87

[Despatch Abstract.]

Irrigation - S. Kanara Dt - Udipi taluk - Improvements to Chantar Madaga tank - Expre - Appd

P.W.D.

Endt. No. 2059 W/47-1 dated 31.3.47

Copy forwarded to the CE (9)

for an early report. ~~with reference to this~~ His attention is invited to this reports relating to the subject ~~report on an Legislative Assembly Q.~~ in his letter No. 2905/46-BEP, dt 24.7.46. and this recent notes of inspection made on the working of Irrigation schemes in Malaiyan and Kanana districts made on 6 to 11.2.47.

Note: Please see the telegraphic rep. 1 ante and H.M.'s minutes. The file containing the notes of inspection of JOM (P.W.) and the CE (9) has been found to be in 28/3/47. In regard to the scheme mentioned rep. 1 ante, attention is invited to 'A' rep. 5 cf. of Lr. No. 3183, P.W., dated 7.12.46. The CE has also recently inspected the Chentamadaga tank and ~~reported~~ ~~that~~ given necessary instructions to the SE. Hence some attempts should be made to get the actual performance and duty figures for second and third crops on which to design the irrigation ~~should be obtained~~. In the circumstances, the above draft is for approval

Dy. Secy. 31/3

J. to the CE (9) (with Copy of p. 1 a)

28/3/47 KP 29/3/47

29.3.47

29/3/47 KP

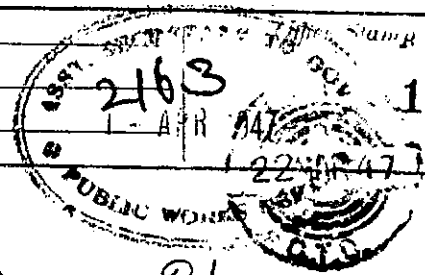
Secy PW 21.5.1947

B. I. Cable INDIAN POSTS AND TELEGRAPHS DEPARTMENT. No

Rec'd at ____ H. ____ M. Sent at ____ H. ____

From ____ To ____

Sty VB7478 By ____



O QR Brahmavar 22 21

Public Work Minister Madras

= Ryots and tenants solicit immediate undertaking repairing Chantar Madaga Udipi South Kanara :

Madhavarao organiser Ryots Sangha :

LIN 1458

P.W.D.

AS. Maybe fwd. (Action has already been taken - Vide p. 2 ante)

TPP—6 Telegraph—5166—(1941)—5-8-46—5,000 Books

to inform you that it is in 1942 that we approached the Government to repair the Madaga and help the agriculturists to grow more paddy. We are very sorry for such a long delay on the part of the Government to help the poor ryots by repairing the Madaga. I beg to request to kindly look into the matter and order immediate taking up of the work of the Madaga.

Thanking you in anticipation,

I beg to remain,
Sir,
Yours faithfully.

Brahmavar S.K.
15th April '47

Madhavarao

organiser
Ryot's Sangha
Brahmavar
Udipi Taluk. S.K.

P.W.D.

E.dt. No. 2059/(4):2 dated 25/4/47.

Copy forwarded to the CE(3) in continuation of this dept. Endt. No. 2059/(4)-1, dated 31.3.47. He is requested to look into the matter and submit a report at an early date.

1st 25/4/47

2nd 29/4/47

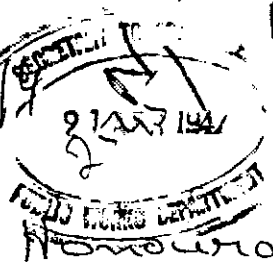
For CE(3) with copy of P.F. 5-6 Cy.

Jo.

-4 F.W
The C.E (I) may be asked to look into the matter

The Honourable Minister for Public Works. Madras.

From,



B.V. Madhavarao.
organiser
Ryots Sangha:
Brahmavar
South. Kanara Dt.

Honourable Sir

Subject: Chantar madaga, Udipi Taluk, South-Kanara — request to take up repair work immediately —

p. Lante

On 22-3-47 I sent you a telegram as follows:- 'Ryots and tenants solicit immediate undertaking repairing Chantar Madaga Udipi South-Kanara'. Here with I confirm the same.

Since your last visit to this Chantar Madaga and your promise that the work of the Madaga will be taken up immediately, nothing has been done and repairing work of the Madaga has not been taken up. The South-west monsoon will be upon us within 1½ months. If the work is not taken up now the work can only taken up next year. Here I beg

From Sri Rao Bahadur
A.R.Venkata Acharya B.E., I.S.E.,
Chief Engineer for Irrigation,
Chepauk, Madras.

To

The Secretary to Government,
Public Works Department.

No.462 /44-A-1, dated 2nd May 1947.

Sub:- [illegible]

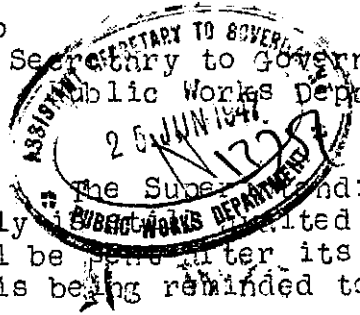
Ref:- [illegible]

[illegible]

10

To

Secretary to Government,
Public Works Department.



The Superintending Engineer's reply is awaited. A reply will be [illegible] after its receipt. He is being reminded to expedite it.

23/6/47

for Chief Engineer for Irrigation

KRB 19/6. 20/6/47

As. P.W.D.(N)

The CE(S)'s reply may be awaited till 25.7.47.

25/6
27.6.47

27/6/47

25/6/47

Reminded on 25.7.47

2059 N/47. 9

PUBLIC WORKS Department.

REMINDER. N Branch.

To the Chief Engineer (Irrigation), 25.5.45

I am directed to invite attention to your letter no. 4522/44-B-18, dated 3.5.45 and request that this reminder may be returned with information as to

(1) the stage at which the matter now is; and

(2) the date by which a reply may be expected.

Office: Public Works Secretariat.

Station: Fort St. George.

Dated: 5.6.45

5/6/45 For Asst. Secretary to Govt., P.W.Dept.

SUBJECT.

Irrigation - South Kanara - Belthangadi taluk - Chandramadaka tank - Repairs.

Urgent

Memo No. 2059 N/47-3 dt. 22-8-1947

~~To~~

~~The C.E. (I)~~

Sub:- Irrigation - S. Kanara - Udipi taluk - Chandramadaga tank - Repairs.

Ref:- Govt. Endts. Nos. 2059 N/47-1 dt. 31-3-47 and No. 2059 N/47-2 dt. 25-4-47.

From the CE(I) letter No. 4522/44-B-18 dt. 3.5.47

It is reported that there is a long standing necessity for repairing the Chandramadaga tank in the Udipi taluk of the S. Kanara District and that, with this end in view, estimates for the repairs of the tank (The rights are reported to have affected by the water cess) were prepared several times previously. The CE(I) is, therefore, requested to submit his detailed report referred to in his letter quoted above, as expeditiously as possible.

Asst
21.8.47

21/8/47

22.8.47

To the CE (I) -

EA 2519/47

DD 26.8.47.

5866

Public Works Dept.

To

The Chief Engineer (Irrigation)

I am directed to invite attention to [illegible]

No. 2059N/47-3 dated 22-8-47 and to state that the reply to it may be expedited and this reminder sent as issue with information as to the action taken thereon.

Fort St. George,
25/9/47

for Secretary to Govt.

RM

Irrigation - S. Kanara. Uddipatti - Chandramadaga tank - repairs

N 6304

To

The Secretary to Government,
Public Works Department,
Madras.

The Superintending Engineer's report is awaited. A reply will be sent as soon as his report is received.

17-10-47.

For Chief Engineer for Irrigation

PWD(N)

A R Tell 1-12-47.

RM

H.M. (P.W)

B. V. Madhavarao
LAND-LORD.
PRESIDENT:
BRAHMAVAR CO-OP. SOCIETY.
DIRECTOR:
S. K. C. C. WHOLESALE STORES LTD.,
S. C. C. C. BANK LTD.

This is the thank you note I sent him after the repair of it will help me grow more food campaign.
Brahmavar.
30/10/47 27/10/47

Sd/-

Sd/-

My Dear Friend.

Seq P.W
The C.E(I) may be asked to look into this & necessary action may be taken.
MD 3/11

I am writing this letter just to remind you again of the repair work of the Chandar Madaga. As you know the Govt. was approached by the local ryots for doing the required repairs, in 1942 and we are very sorry to see that till now nothing has been done by the Govt. concerning the repair of the Madaga. I will be thankful if you can kindly remind your colleague Sri Bhakthavatsalam Public works minister, about the urgency & necessity of immediate repair of the Madaga and also use your good influence with the minister and see that the work of repairing the Madaga is taken atleast in this December so that we can have the

14.

Joy and priviledge of using the water atleast in the coming year. In writing this letter I am voicing the desire of the ryots concerned.

Hope you are doing well.

With best regards

I remain,
Yours sincerely,
M. Shamanna

Organiser Ryots Sangha
Brahmavar. S.K.

F. No 3283/48-1 (Cadl)
dupd (Cor) (8) 1

P.WD (F)

Endt No 2059 N/47-4 dt 4/11/47

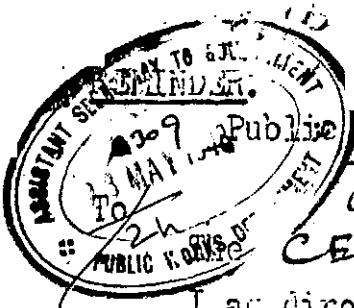
Para 1 Copy forwarded to the C.E.(I) in continuation of Govt Memo No. 2059 N/47-3 dt 22.8.47. He is requested to look into the matter and expedite the submission of his report.

P&M
8/11/47

3.11.47

To
The C.E.(I) Rd 8/11 Rd 26/11/47
(with Copy of Pp 13-14 (L)) Rd 28/11 Rd 8/12/47

15



From Public Works Deptt.
To Section.

CE 19 2W&L Plan

I am directed to invite attention to Govt. Endt No. 2059/W/47-4 dated 4-11-47 ~~and to request that the reply~~ and to request that this reminder ~~to it may be expedited~~ may be returned urgently with the information as to:

(1) the stage at which the matter now is; and

(2) the date by which a reply may be expected.

For Asst.Secy.toGovt.
P.W.Secretariat.
Fort St.George,
Dated 17/4/48

SUBJECT

S. Kanara. Udipi taluk.
Chantar madaga tank.
Repairs

2753 2059/W3

To

The Secy to Govt,

PWD,

Please see my No. 45.22/W&B. dt 5.5.08. A copy of Govt. Endst. requested to may please be sent

M.D Varma
19.5.08
Supdg Engr Drg Div

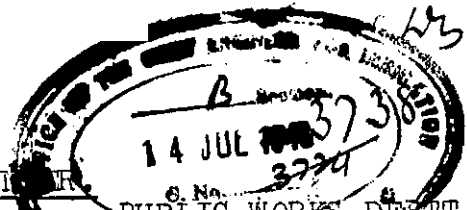
To AS

PWD (T)

A copy of Endst No 2059/W3/08 dt 11.11.08 was furnished to the CE(I) in Govt Endst No. 2528/W8/08 dt 15/5/08. The CE(I) may be reminded again on 20/6/08

19/5/08
25/5/08

19/6/08



REMI[illegible]R. PUBLIC WORKS DEPTT. (P)

To

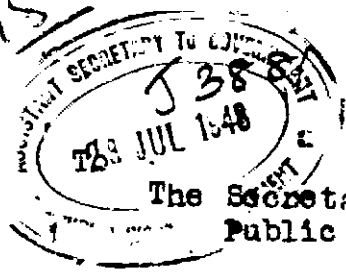
The Chief Engineer (Irrigation)

I am directed to invite attention to Govt Endt. P.W. No. 2059/Ni/47-4 Dated. 4/11/47 and to request that the reply to it / ~~further report referred to therein~~ / may be expedited.

P.W.Sectt.)
Fort Saint George.) for Asst, Secy.
Dated. 10/7/48) to Govt.

SUBJECT.

S. Kanala - Udipi taluk - Chantalmadaga tank. Repairs.



205-1/47

17

The Secretary to Government
Public Works Dept.

--

The Government endorsement has been referred to the Superintending Engineer, Coimbatore circle for report and it is awaited . A reply will be sent to Government on receipt of the Supg. Engineer's report.

28/7/48
FOR CHIEF ENGINEER (IRRGN.)

PWD 17

A.R till 30/8/48

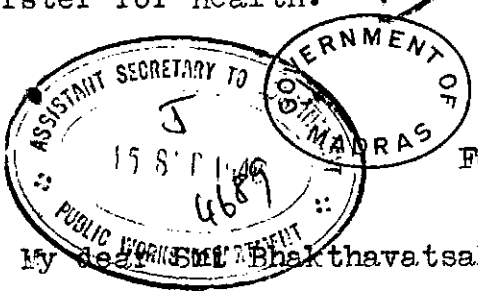
29/7/48

3.8.48

A.B. Shetty, M.L.A.,
Minister for Health.

19

Sec P.W
I would like to
know the position
9/9/48



Fort St. George,
14th Septr. 1948.

My dear Sri Bhakthavatsalam,

You may remember the irrigation tank "Chantar Madaga" which you saw near Brahmavar when you visited South Kanara in November 1946. The ryots were then given the assurance that the work of repairing this tank would be taken up very early and, on the occasion of your visit last year, you directed the P.W.D. Executive Engineer to take up this work soon. I am receiving letters to say that nothing has so far been done in this matter and the people are feeling very much disappointed. I trust you know the repair of this tank will help the "Grow More Food" campaign ~~and~~ and the people of the area are prepared to pay the proposed water tax.

Yours sincerely,

MSLeddy

Hon. Sri M. Bhakthavatsalam,
Minister for Public Works.

PWD.

D.O. 2059/W7-5 dt 21-9-48

Dear Mr. Venkatacharya,

Irrigation - S. Kanara - Chanta Madaga Scheme

p.19 CF I am to enclose a copy of D.O. No. [illegible] from W.M. (P.H.) to W.M. (P.W.) on the above subject. In the official correspondence regarding the p.14 CF scheme (Ref. Govt. Endt. No. 2059 W.J./47-4. dt 4-11-47) it was stated in reply to a reminder, under date 28.7.48, that you were awaiting a report p.15 CF from the S.E. combatore D. ~~Hoped to get~~ ~~to look into the matter personally~~ I am to request you to take steps to obtain the S.E.'s report without further delay and send up your report ~~and copy~~ to Govt. as ~~expeditiously~~ soon as possible.

Yours sincerely

21.9.48 21/9/48

To Rao Bahadur A.R. Venkata Acharya B.E., I.S.E. Chief Engr. for Irrigation

with a copy of D.O. from W.M. (P.H.) p.19 CF

AMP 21/9.

DO No 2059 J/47-6 dt 6-10-1948.

Dear Mr Venkatachariya

Irrigation - S. Kanara - Chandar
Madaga Scheme

I am to invite your kind attention to my DO No 2059-J/47-5 dt 21-9-48 and to enquire when your report may be expected as Hon (PW) wishes to know the present position.

Yrs
DK
Brown.

Dr
PK 6/10

Sri Ramesh
AR Venkatachariya
CE(I) 18E
PK 6/10.

B. V. Madhavarao 27/9/48

23

Sec. P.W. Brahmavar.

SECRETARY TO GOVERNMENT
PRESIDENT
BRAHMAVAR CO-OP. SOCIETY
DIRECTOR
S. K. C. C. WHOLESALE STORES LTD.
S. C. BANK LTD.
4941
PUBLIC WORKS DEPARTMENT

wants likes Kanara
Kumta on 25th Sept 48
Initials
JLB 28.9

My dear Sir,

I Thank you very much for your kind letters dated 14th and 22nd instant. I Thank you very much for the interest you are taking in the Chandar Madaga' and we are sure that the work will be taken up under the orders of your colliague Sri. Bhakthavatsalam, Public works minister. this year itself we beg to request you to remind your honourable colliague now and then I am sending a separate petition to him on behalf of the ryots, beseeching him to order the repair work of the Chandar Madaga' to be taken up immediately. Already the investigation has taken away three years! in which time more food would have been grown and the wealth of the nation

[illegible] troubles you are taking regarding the repair work of the Dharwar Madaga, amidst your heavy work concerning a whole presidency

Regarding your honourable self attending the Ayurveda Vaidyas Conference to be held here we will have the honour to write to you once again after some time If you want us to meet you when you come over to mangalore next month, we will gladly do so, if you can kindly inform me the exact date and duration of your stay at Mangalore. Here all your friends and well wishers are well and yours This will find you in good health with best regards

Remain,
Yours sincerely,
[illegible]

D.O.No.4522/44 B-29

Office of the Chief Engineer for Irrigation,
Chepauk, Madras. Dated 7th October, 1948.

My Dear Krishnamurthi,

Sub:- Irrigation - South Kanara - Chandramadaga Scheme.

Ref:- Your D.O.No.2059 J/47-6 dated 6-10-48.

...

I am to inform you that the plans and estimate have been received from the Superintending Engineer and they are under scrutiny in my Office. A report will be sent by the middle of November 1948.

Yours sincerely,

M.O Narasimhan

To
D.V. Krishnamurthi,
Addl. Deputy Secretary to Govt.,
Public Works Department,
Fort St. George.

26

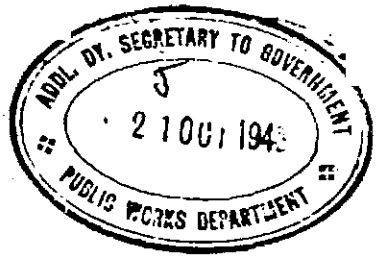
PWD

Endt. 5030 J/48-1 dt 10.10.48.-

This may kindly be signed and returned.

D Krishnamurthi
ADS PWD
10/10/48

To the CE(I).



CE's file

The DO is signed & returned herewith

M.D. Narasimhan
By Chief Engr (Irrigation)

13/10/48

Recd on
21/10/48

PART II SCHEME FOR 1949-50.

Head of Account. '18. Other Revenue Expenditure (a) Works Major.

Item of Expenditure:- South Kanara District-Udipi Taluk. Chantra Madaga tank - Improvements.

Estimate of cost:- Rs.25,000/-

Programme:- 1949-50 Rs.25,000/-

Chantra Madaga tank is situated in Chantar village of Udipi taluk, South Kanara District. It receives the drainage from its free basin of 0.38 Sq.miles. The tank has high ground on three sides except on the west which is protected by a bund. The tank has neither pucca escapes nor pucca sluices; and has only open cuts. At the close of the monsoons the open cuts are bunded up leaving one for the supply of water to the high level lands at the right and another for low level lands at the left end.

There is no registered ayacut for this tank. About 438 acres in the villages of Chantar, Malpadi and Hendadi are usually taking water from this tank to supplement the rain water in the first crop period 1st July to 15th October.

The present capacity of the tank is only 3.47 M.Cft. which is sufficient to irrigate only about 30 acres ordinarily. But in the West Coast, the South West and North East Monsoons are so favourable that very little water is required for irrigation. It is therefore proposed to improve the tank so as to hold about 11.5 Mcft. to facilitate the irrigation of 326 acres of second crop. The scheme is estimated at Rs.25,000 and will fetch a revenue of Rs.303 yielding a return of 1.15%.

ORFICE OF THE CHIEF ENGINEER FOR IRRIGATION, MADRAS.
Endorsement No.973/48 D-19 dated 29th October, 1948.

Submitted to Government for sanction as Part II Scheme for 49-50. The plans and estimate are under scrutiny and will be sent to Government shortly.

for Chief Engineer for Irrigation.

To the Secretary to Government Public Works Department.

PW. 5348 J/48-1
31.10.48.

V. Urgent

Memo No 2059/W3. 7 d 27-11-48

Subj: Irrigation - S. Kamara - Udipi Taluk. Chantar Madaga tank. Improts.

Ref: From the CE(D) Endt No. 9M3/48.D.190 d 29-10-48

The C E(D) is requested to expedite the submission of the plans and estimates for the work.

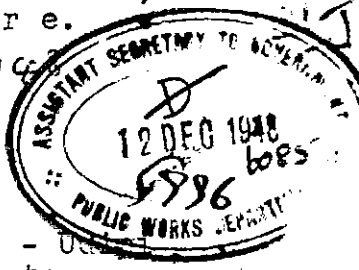
P/H
25/11/48

To

The CE(D)

D.O.
Ref C.No.37 2524/48.

S.Kanara Collector's Office,
Mangalore.
9. 12.1948



My dear Varghese,

Sub: IRRIGATION-South Kanara district - Udupi Taluk - Chantar village- Repairs to "Chantar Madaga".

Ref: From the Chief Engineer for Irrigation, Madras, to the Government Endorsement No. 973/48-D-19, dated 19.10.1948

Will you please refer to the Chief Engineer's endorsement cited above in which he has submitted to Government the proposals relating to the improvements of the Chantar Madaga to be taken up as a Part II Scheme for 1949-50. In this connection I would suggest that as it is a small work costing only Rs. 25,000/-, the improvements can very well be completed by the end of May, 1949, if funds are provided by the end of December. This would enable the irrigation of a II crop ~~from November, 1948~~ early in April, 1949. On the other hand, if this is to be taken up as Part II Scheme for 1949-50, the work can be taken up only in January 1950 as no work is possible in this District in the monsoon (June to November) and irrigation facilities will not be available till December, 1950 or January, 1951.

2. I would therefore submit that the possibility of putting this work on hand may be explored and if feasible, orders of Government may be obtained on that basis.

Yours sincerely
SRK aiyar

To: T.A.Varghese, Esq., I.C.S.,
Secretary to Govt.Public Works,Department,
Madras.

33 P.W.D(J)

D.O No 2059 J/47-8 dt 15/12/48

My dear Kaiwar,

Sub: Irrigation - S. Kanara Dt - Udipi Taluk - Chantar Madaga scheme

Ref: your D.O No. B.7.2524/48 dt 9.12.48

I am to inform you that there is provision to incur expre at any part of the year for irrigation schemes which have G.M.7 value. The Chantar-Madaga Scheme will be considered for sanction as soon as the plans and estimates are received from the CE(I) through the Bd of Rev. you may in the meanwhile prepare the Revenue forecast which the Bd will, in due course, direct you to do. Yrs.

15/12/48 16.12.48 S

To

S. R. Kaiwar Esq:
I.C.S.,
Collector of S. Kanara.

Copy to the CE(I)
" " Bd of Rev

1/34

PWD/D

9/21.1 T.M.No 2059/Plg-9 dt 20/1/49

To

The C E (D)

DPM 8/2/11

Sub: Irrigation - S. Kanara dt - Udipi tq. Chantar Madaga - Repairs.

Ref: Your Endt No. 943/48-D-19 d 29-10-48

Please expedite the submission of the plans and estimate

Issue as pe

20/1/49

20.1.49

From Sri
A.R. Venkatachari B.E., M.I.E., (Ind.),
M.Am.Soc.C.E., I.S.E.,
Chief Engineer for Irrigation
Chepauk, Madras.

To
The Secretary to Government,
Public Works Department.
Through the Board of Revenue.

No. 4522/44 B-30 dated 19th January 1949.

Sir,

Sub:- Irrigation - South Canara District - Udipi Taluk Chandar Madaga Taluk - Improvements - Item No.118 of Grow More Food Programme for 1947-48.

Ref:- Board of Revenue No.H.3219/45-3 dated 17-1-46 and correspondences resting with Government Public Works Department Memos Nos.2059-N/47-3 dated 22-8-47 and 2059-J/47-7 dated 27-11-48.

I forward herewith an estimate amounting to Rs.26,500/- for the above work. The necessity for and the details of the proposals are clearly explained in the report accompanying the estimate. It is proposed in this estimates to improve the tank so as to hold about 10.6 Mcft of water to facilitate the irrigation of 243 acres of second crop.

The scheme is eligible for the Government of India subsidy of Rs.10,574/- against a food value of Rs.30,375/- obtainable from it and it yields a return of 2.84% on the provincial Government's share of the cost of works - vide statement of subsidy and financial forecast enclosed.

The Collector also recommends the execution of the work in the current financial year itself so that water from this tank will be utilised for irrigation in the next fasli second crop season -Vide copy of his letter No.R.Dis.17558/48 dated17-11-48 enclosed. Attention in this connection is also invited to his D.O. Ref.No.B7-2524/48 dated 9-12-48 to the Secretary to Government. I therefore request that early sanction of Government to the estimates may be obtained and communicated.

V. Ammamaswami 28/1/49
for Chief Engineer for Irrigation

Encls:
1 Estimate with report.
1 Statement.
1 Copy of Collector's letter.
1 ayacut plan to be returned.
Copy to the Secretary to Government, Public Works Department with enclosures direct. (other than the ayacut plan)

trm:25-1-

Financial Forecast.

Improvements to Chandar Madaga Tank in Udipi Taluk - South Canara District.

"A"

Works outlay as per estimate - --	26,500
Tools and plant - 2% on works outlay	530
Audit and Accounts - 1% -o-----	265
Establishment charges 25% .---0---	6,625
Pensionary charges 8.34% on Establishment	586
Gross Outlay ---0----	34,506

Gross revenue realisable out of 243 acres of II crop @ Rs.2.12.0 per acre = 668

Return on the scheme - $\frac{668 \times 100}{34,506}$ = 1.94%.

"B" The scheme is therefore eligible for the Government of India subsidy which is worked out below.

Gross outlay including Tools and Plant. and Audit and Accounts = Rs27,295

Net Outlay = Gross outlay - 20 times the gross revenue.

= 27,295 - 20 x 668 = Rs13,935.

I. Government of India subsidy in respect of scheme proper

= 50% of net outlay = ~~Rs.928xI.~~ 6,968 I.

II. Government of India subsidy in respect of establishment
= 50% of cost of staff = $\frac{1}{2}$ x 7211 = 3,606 II.

III. Cost of food grains from the additional II Crop.

from 243 acres = $\frac{1}{2}$ x 243 x 2 0 = 30375.III

∴ The total Government of India Subsidy is I or III which ever is less and II.

∴ The eligible Government of India Subsidy is I and II only = 6,968 + 3,606 = 10,574.

"C" The net provincial Government's share of works
= 26,500 - 10,574 = 15,926.

Gross revenue realisable	= 668.	668.
Deduct collection charges at 5%	= 33	215.
Maintenance charges @ 12as per acre.		182.

∴ Net Revenue = Rs.453.

The return on the scheme taking into account the Government of India subsidy is $\frac{453 \times 100}{15,926}$

= 2.84%.

N. Venkatakrishna 2/4
MANAGER.

trm:25-1-

2
22/1/49

Report to accompany the estimate for "improvements to Chandar Kadagafn Chandar village. No.65. Udipi taluk South Kanara District.

Amount of Estimate. Rs.36,600

The tank "Chandar Kadaga" is situated in Chandar village No.65 of Udipi taluk, South Kanara District. It receives the drainage from its free basin of 0.33 share mile. The tank has high ground on three sides except on the west which is protected by a bund of about 1000'-0" in long. The tank has neither pucca masonry escapes nor pucca masonry sluices. The surplussing and regulation of water are done by open cuts. At the close of the monsoon, the open cuts are bunded leaving one for the supply of water to the high level lands at the right and another for low level lands at the left end.

2. There is no registered ayacut for this tank. About 437.49 acres in the villages of Chandar, Kalpadi and Kandadi are usually taking water from this tank, to supplement the rain water in the first crop period. Of the above extent an area of 325.70 acres are classed as No.1 wet, which is entitled to raise second crop.

The present capacity of the tank is only 3.47 M.Cft. This will irrigate ordinarily about 30 acres with a duty of 8 acres per million cft. of water, according to the standards of tank irrigation. But the fact is this- that an extent of 325 acres is entitled to raise a second crop. In the west coast, the South West and the North East monsoons are so favourable that very little water is required for irrigation, as the rain water meets the need direct till the end of November. It is only during the months of December and January, for a period of 45 days the tank water is needed. In the West Coast it may safely be assumed a duty of 30 acres per million cft. Even then the possible extent of successful irrigation of second crop under this tank may be only about 110 acres. Hence in many years the full extent is not raised with second crop.

It is proposed in this estimate to improve the tank so as to hold about 10.5 million cft. to facilitate the irrigation of 303 acres of second crop.

5. Improvements proposed are.

1) The vegetation of the bund will be fully cleared.

II) The standards of the bund will be raised to hold an additionnal 6'-0" height of water.

iii) The present open cuts will be replacedby pucca masonry sluices
iv) Regular surplus escapes will be provided at both ends.
v) Acquiring the lands which are liable for submersion due to incre ed F.T.L.

Bund. The F.T.L. of the tank will be raised from plus 82.00 to plus 88.00 with a top width of 88-0" side slope 1 1/2 to 1, in front and rear.

No revetments proposed as the soil is gravelly and the tank is a small one of about 30 acres.

Sluices. (a) High level sluices at the right end at L.S. 730ft. This will be 9" pipes sluices with sill at plus 81.00 fixed in a bed of 6" concrete with necessary front and rear head walls. As the maximum depth of water is only 7ft. no regulating arrangement is proposed.

(b) Low level sluices at L.S. 150 ft. This will be a tower head sluice with sill at plus 44.00. The tower will have a diameter of 4'-0", the vent will be 1'-9" x 1'-1" and will be regulated by paddle shutters with iron flat steams.

The barrel will be 2'-0" wide and the height will be about 8'-0"

p.t.o.

40
1/0

as it has to be cut in laterite rock, and the cover slabs will be on top of laterite bed.

(c) Surplus escape. Rough stone byepasses will be provided both at the right and left ends of the bund for the length of (50 plus 40) (or 90'-0") respectively. The bund in front and rear will be revetted with laterites 1'-0" deep to a level of plus 72.00 with a core bodywall of 3'-0" thick in mortar. No land will be acquired for leading the surplus course but will be allowed to spill over the wet fields in rear as existing at present.

7. CALCULATION FOR FLOOD DISCHARGE. Area of free basin 0.33 sq.miles.

(a) From a record of rainfall at Ellipi during the last eleven years from 1934 to 1944 it is seen that the maximum rainfall during any three succeeding days has occured in 1933 September, i.e.

1933	September	28th	8.10"
"		29th	4.33
"	October	1st	0.77.
			13.10

Therefore the maximum in incidence of rainfall that may occur any one day may be taken as 15".

The run off for 1 sq.mile for 24 hours taking the run off as cent per cent. (5280 x 5280 x 1.25) Cft.

Therefore run off per second for 1 sq.mile. $\frac{5280 \times 5280 \times 1.25}{24 \times 60 \times 60}$

= 403 cusecs.

Therefore discharge on 0.33 sq. = 0.33 x 403 = 133 cusecs.

(b) Discharge. As per Ryves formula.

D = C.R. 2/3 where C = 450 2/3
= 450 x 0.33
= 450 x 0.625 = 236 cusecs.

(c) Discharge as circulated from the existing cuts.

3 Cuts in 1 right sides	1.	2'-0"	wide at plus 62.69
"	2.	10-0"	wide at plus 61.00
	3.	1'-0"	wide at plus 64.69.
Left side	4.	1'-0"	wide at plus 60.01
	5.	3'-0"	wide at plus 62.00

8. No definite information is available about the depth of flow during the maximum rainfall. But the ryots say that it was never more than 1'-0". Hence it is safe to presume that the H.F.L. will not exceed plus 63.00. Then the discharge may be:- assuming a velocity of say 5'-0" per second.

1). 6 x 11 x 5	= 3.30 cusecs.	} or 173.30 cusecs.
2) 10 x 2.0 x 5	=100.00	
3) 1 x 8.41 x 5	= 42.05	
4) 1 x 2.99 x 5	= 14.95	
5) 3 x 1 x 5	= 15.00.	

As the figures are all varying, the safe limit may be taken as 133 cusecs, arrived by actual calculation of the incidence of rainfall.

Surplus arrangements.

The discharge per foot run of roughstone escape.
Q = 2/3 C x L V 2 gh where L is limited to 1'-0" and C = 1/2

= 2/3 x 1.1/2 x 1 x 8 $\sqrt{1.}$

= 8/3 = 2.7 cusecs.

Therefore length required: 153/2.67 = 57.3 Rft. or say 60 rft.

This will be provided on both the flasks
Right side. 20'-0"
Left side. 40'-0"

9.Ayacut Particulars.

There is not registered ayacut under the tank, But by usage an extent of 437.49 acres are being benefitted by the tank, Of this an extent of 31.70 acres are High level being supplied by the cut at L.S.5.730 feet on the right end with the sill at plus 51.00. It is now proposed to provide a pipe sluices of 6" dia. with the sill at the same level of plus 51.00.

The remaining extent (437-32) or 405 acres will be fed by the low level sluices at the left end with sill at plus 44.00 i.e. the level of deepest cut.

Allowing a duty of 40 acres, the discharge required for 405 acres will be 10 cusecs. The proposed sluices should be capable of drawing this quantity with a minimum head of say 1'-0".

$Q = C.A. \sqrt{2gh}$. Where C = 0.8

A = 10/0.8 x 8 x 1 = 10/6.4 = 1.56 sq.ft.

Therefore the rent may be 1'6" x 1'1".
The barrel in rear may have a width of 2'-0" and the height may be as much as the laterite rock will admit - presumed to be at a level of plus 52.00.

/True Copy/

V. Venkatachalapathy
MANAGER. 2-11-1(

trm:25-1-

P.W.D. V. 14.
E. No. 32.

Detailed or service head—
Department head—
Project of which the work forms part—
Name of work— Improvements to Chandar Madaga at Brahmavar.
Amount of estimate, Rs. 26.500
To be carried out by—

Circle Coimbatore.
Division West Coast
District South Kanara.
Taluks (or Estate in case of Estate Works) Udipi.

ESTIMATE FORM—Abstract.

REFERENCES.

Section—
Major head—
Minor head—

Item number. (1)	Quantity. (2)	Description of work (3)	Rate. (4) Rs.	Per (5)	Amount. (6) Rs	Total Rs.
1.	30,000	Sft. clearing and destroying heavy jungle on bund	0-3-0	100 sft.	56	
2.	L.S.	Benching the existing bund for joining old and new earthwork.	L.	S.	75	
3.	260	Units, Earthwork excavating in hard gravelly soil with additional lead of 50 yards and additional lift of 4 yards for main bund	27-2-0	1000 cft.	7052	
4.	1	Providing a tower head sluice left flank at L.S.150.			1190	
5.	1	Providing a 6" hume pipe sluice at L.S.730			530	
6.	1	Providing a rough stone bywash 20' long on the right flank.			2210	
7.	1.	Providing a rough stone bywash 40' long on the left flank.			850	
8.	L.S.	Land Acquisition.			8925.	
9.	L.S.	Cost of Demarcation L.S.			100	
10.	L.S.	Add for variation of soils at sluices etc. during construction L.S.			1000	

Copy of letter R.Dis.No.17556/48 dated 17th November 1948. from the Collector of South Kanara, Mangalore. to the Chief Engineer for Irrigation, P.W.D., Chepauk, Madras.

Sub:- Irrigation - South Kanara District - Udipi Taluk Chantar Madaga -

Read:-(1) Copy of letter No.1495/1 dated 29-7-48 615-z.12(DB) in reply to Chief Engineer's Endorsement Numbers 4522/44. B.8,9,10,11 & 12 dated 21-11-45, 24-11-45,10-12-45, 6-2-46 and 17-5-1946.
(2) Letter No.2674 M./15 B.24 dated 24-8-48 from the Executive Engineer, P.W.D. South Kanara enclosing the letter referred to in item (1) above.

The correct name of the tank is "Chantar Madaga" and not "Chandra Madaga".

2. A conference of the ryots interested was held on the 17th November 1948 at the Udipi Taluk Office where most of the leading ryots interested in the scheme were present. The Executive Engineer, South Kanara, the Assistant Engineer, Coondapoor Sub-division, the Revenue Divisional Officer, Coondapoor and the Tahsildar Udipi were all present. I presided over the Conference.

3. The main features of the Scheme were explained to the ryots by the Executive Engineer, Mr. Muthanna. After discussion, ryots expressed their willingness to pay a water-rate of Rs.2-12-0 per acre. They expressed a desire that the work should be expedited and completed during thisworking season so that water from this Madaga(tank) will be available for irrigation in the next fasli -- second crop season.

S

p.t.o.

4. I have the honour to request that necessary steps may be taken to obtain sanction for the execution of the scheme in the current financial year. The working season ends by May 1949, and thereafter the Monsoon breakout leading to a complete cessation of all programme of works here!

/True Copy/

V Venkatakrishnan
MANAGER ft/74
SUPERINTENDENT.
28/1/49.

trm:28-1-

R.Dis.252/1-48. S.K.Collector's Office,
Mangalore dated 25.2.49.

From
SRI N.C. THOMAS, B.A.
Collector of South Kanara

To
The Secretary to the Board of Revenue
Land Revenue, Excise and Prohibition,
MADRAS.

SECRETARY TO BOARD OF REVENUE
3 MAR 1949
PUBLIC WORKS DEPARTMENT

Sir,

IRRIGATION: (South Kanara District)- Udipi Taluk - Chantar Madaga- scheme.

Ref: 1.Board's Ref.Rl.7177-48 dated 21.12.48.
2.Coondapur R.D.O's L.Dis.10677-48 dated 17.2.49.

The correct name of the tank is 'Chantar Madaga' and not 'Chantal Madaga'.

2.My predecessor held on 17.10.48 in the Udipi Taluk office a conference of the ryots interested in the scheme at which most of the ryots interested in the scheme were present.

3.The main features of the scheme were explained to the ryots by the executive engineer, Mr.Muthanna. After discussion, ryots expressed their willingness to pay the water rate of Rs.2-12-0 per acre. They expressed a desire that the work should be expedited and completed during this working season, so that water from that Madagar (tank) might be available for irrigation in the next Rabi- second crop season. As estimated by the Public Work Dept. the proposed scheme would irrigate an additional extent of about 303 acres of II crop, on which water charge at Rs.2-12-0 per acre can be levied. This would yield more than 2% return on the amount to be invested on the scheme. According to the Superintending Engineer Coimbatore Circle, the percentage of return would be sufficient to maintain the tank (Madaga) by the Government after the proposed improvements are carried out. The scheme is, therefore, feasible on the Revenue and administrative aspects.

4. Besides the 303 acres of land, under the II crop referred to by the P.W.D., the Tahsildar reports that 55 acres of land could be brought under cultivation, for III crop with the help of the irrigation from this tank if improved. This total extent of 358 acres is expected to produce about 125 tons of rice per year. Thus the scheme has an appreciably high G..F value in a deficit District like this.

5. I, therefore, recommend that the scheme may be taken up urgently, so that before the monsoon breaks out in next June, sufficient progress in its execution may be achieved, so as to enable the ryots to irrigate their next second and third crops from this source.

Yours faithfully,

For Collector.

Copy submitted to the Secretary to the Government, P.W.D. Madras with reference to his D.O.No.2059- J-47-8 dated 15.12.48.
Copy to the Superintending Engineer, Coimbatore Circle, Coimbatore
Copy to the Executive Engineer, S.Kanara.

To As

P.W.D (J)

The Board's report on the Chantar Madaga scheme may be awaited till 5/4/49.

3/3/49

3/3/49

REVENUE DEPARTMENT.

Subject.

IRRIGATION - (South Kanara) - Udipi Taluk - Chandar Madaga Taluk - Improvements - Remarks submitted.

..

Station : Madras,

Ref. Hl. 7177/49 Dated 3.3.1949.

From

C.A. Ramakrishnan Esq., I.C.S.,
Joint Secretary, Board of Revenue.

V.N. Kudva Esq., I.C.S.,
Commissioner of Land Revenue, Excise and Prohibition.

...

READ: From the Chief Engineer for Irrigation, No. 4522.44.B.30 dated 19.1.49..

..

Reference:

Submitted to the Government.

2. The proposal is to execute certain improvements to a tank in Udipi taluk at a cost of Rs.34,506/- (including direct and indirect charges). The Collector wants the work to be completed before the on-set of the South-west Monsoon (i.e. before May 1949).

3. A scrutiny of the estimate shows that a sum of Rs.8,925/- has been provided for as Land Acquisition charges. It is stated that the bund will be raised so as to hold an additional 6 feet of water, and that this will involve the submersion of foreshore lands which have to be acquired.

4. Information is lacking on the following points:

1) whether the Land Acquisition charges provided in the estimate are adequate. (Neither the extent of land to be acquired, nor its market value has been mentioned in the reports.)

2) whether the owners of the land will permit the P.W.D. to enter upon their lands before the Land Acquisition proceedings are formally completed.

In case the owners will not agree to (ii), the possibility of applying the urgency provisions under the recently amended Land Acquisition Act has to be considered.

4. The Board is addressing the Collector to furnish information on the above points. A separate report will be submitted to the Government later.

5. It seems highly doubtful whether the Collector's further report will be received in time so as to recommend the scheme to Government and get it sanctioned and executed before May 1949. However, as the cost of the scheme is comparatively small, and as it relates to the South Kanara District where there are particularly no Government Irrigation works,

the

the Board recommends that the scheme may be sanctioned without waiting for the Collector's further report referred to in the previous paragraph.

xxx xxx xxx

for Joint Secretary.

To the Secretary to the Government, Public Works Department
paras 1 to 5.
" Collector of South Kanara (whole).

SA. 3.3.

51

P. W. D. (J).

Abstract

Irrigation - South Kanara Dt. - Udipi taluk - Improvements to Chantar Madaga tank - Expenditure - Approved.

Read also:-From the C.E.(I), No.4522/44-B.30, dated 19-1-49.
From the Bd. of Rev., Ml.No.7177/49, d/3-3-49.

G. O. Ms. No. 1145 DATED 27 - 3 1949

H.E. the Governor of Madras approves an expenditure of Rs. 26,500/- (Rupees Twenty-six thousand five hundred only) for works or Rs. 34,506/- (Rupees Thirty-four thousand five hundred and six only) including direct and indirect charges on ~~carrying out~~ improvements to the Chantar Madaga tank in Udipi taluk of S. Kanara Dt.

2. The expenditure is debitable to "18. Irrigation - Other Revenue Expenditure financed from ordinary revenues - Irrigation works-for works which no capital accounts are kept - P.W.D. - a. Works "Major." ~~3. The C.E.(I) is informed that no expenditure should be incurred in the current year.~~ The C.E.(I) is informed that expenditure on the work should be incurred only after 1.4.49. He is requested to submit proposals for a provision in ~~proposals~~ in due course for the necessary ~~appropriation~~ funds for the work during 1949-50. A token grant will also be obtained from the Legislature in the course of 1949-50. Meanwhile the A.G. is requested to admit the expenditure in audit.

4. The Government intend levying ~~betterment fees in respect of~~ cultivation fees on the lands ~~that will~~ to be benefited by the scheme in accordance with the general orders that are to be issued shortly. The Bd. of Rev. and the C.E.(I) are requested to give the widest publicity to the Govt.'s intention in this regard.

KTH 26-3-49

22-1-49

26.3.49

C.E.(I).
Bd. of Rev.

P.T.O.

P.W.D. (J). 53

Note for Circulation.

Sub: Irrigation - S. Kanara Dt. - Udipi Taluk - Chantar Madaga tank - Improvements.

This note relates to the proposal for improvements to the Chantar Madaga tank in Udipi taluk of S. Kanara Dt. at an estimated cost of Rs. 26,500/- for works or Rs. 34,506/- including direct and indirect charges. The scheme is expected to facilitate irrigation of second crop on about 243 acres of land. ~~It is reported that the ryots are willing to pay a water rate of Rs. 2-12-0 per acre. The gross revenue on the basis of this water rate is worked out by the C.E.(I) at 1.94%~~ The Collr. has, however, stated that the scheme is expected to benefit 303 acres under second crop and also about 55 acres under third crop and that the total extent of 358 acres would produce about 125 tons of rice.

2. The Bd. of Rev. has called for further information from the Collr. of S.Kanara as to whether the provision of Rs. 8,925/- for land acquisition charges is adequate and whether the owners of the lands will permit the P.W.D. to enter the lands before the acquisition proceedings are completed. The Bd. of Rev. however, recommended that the scheme might be sanctioned without waiting for the Collr.'s report as it may take some time for it to be received and since the cost is comparatively small and as the scheme relates to S. Kanara where there are practically no irrigation works.

3. The gross revenue from the scheme based on 243 acres of second crop will be Rs. 668/- which would give a return of 1.94%. Deducting the collection and maintenance charges the net revenue of Rs. 453/- will give a return of 1.3%. ~~The scheme~~ has been included in the G.M.F. programme for 1947-48

which has been approved by the Govt. of India. The scheme is, therefore, eligible for a subsidy of Rs.10,573/- from the Govt of India.

4. The policy of the Govt. is to encourage irrigation schemes in neglected districts like S. Kanara. This scheme is included in the list of irrigation schemes for which a lump sum provision has been included in the B.E. for 1949-50. In view of this and having regard to the G.M.F. value of these scheme, this department recommended the scheme for sanction. The Collector had urged that it should be taken up and completed before May, as otherwise one working season would be lost, and so this department suggested that the procedure for extremely urgent cases might be followed and the scheme sanctioned after circulation to H.M.(P.W.), H.M.(Fin.) and H.Pr.

5. Rev. and Finance agreed to the proposal. Finance suggested that a betterment fee might be levied on lands likely to be benefited and that the Govt.'s intention in this regard might be given wide publicity. Finanee also pointed out that the expenditure on the scheme would be a 'New Service', that as it was too late to obtain a supplementary grant from the Legislature, the scheme might be sanctioned with instructions to the C.E.(I) not to incur any expenditure in the current year, and that a supplementary grant might be obtained next year. They further suggested that the further report from the Bd. of Revenue regarding the land acquisition charges might be awaited before the Govt. of India were addressed for subsidy. The suggestions of Finance were accepted in this department.

The proposal was approved in circulation to H.M.(P.W), H.M(Fin) and H.Pr and orders sanctioning the scheme have been issued in G.O. Ms No 1145 P.W d 27-3-49.

Copies of this note may be circulated to all the H.Ms who have not seen the case and copies may also be sent to the C .S.& Fin deptt

Public Works Department.

Note for Circulation.

Sub: Irrigation - South Kanara District - Udipi Taluk - Chantar Madaga tank - Improvements.

This note relates to the proposal for improvements to the Chantar Madaga tank in Udipi Taluk of South Kanara District at an estimated cost of Rs. 26,500/- for works or Rs. 34,506/- including direct and indirect charges. The scheme is according to the Chief Engineer (Irrigation) expected to facilitate irrigation of second crop on about 243 acres of land. The Collector has, stated that the scheme is expected to benefit 303 acres under second crop and also about 55 acres under third crop and that the total extent of 358 acres would produce about 125 tons of rice. It is however, considered better to go by the Chief Engineer's forecast for the present.

2. The Board of Revenue has called for further information from the Collector of South Kanara as to whether the provision of Rs. 8,925/- for land acquisition charges is adequate and whether the owners of the lands will permit the P.W.D. to enter the lands before the acquisition proceedings are completed. The Board of Revenue however, recommended that the scheme might be sanctioned without waiting for the Collector's report as it might take some time for it to be received and since the cost is comparatively small and as the scheme relates to South Kanara where there are practically no irrigation works.

3. The gross revenue from the scheme based on 243 acres of second crop will be Rs.668/- which would give a return of 1.94%. Deducting the collection and maintenance charges the net revenue of Rs.453/- will give a return of 1.3%. It is reported that the ryots are willing to pay the water rate of Rs.2-12-0 per annum which has

been adopted for the purpose of these calculations. The scheme has been included in the Grow More Food programme for 1947-48 which has been approved by the Government of India. The scheme is, therefore, eligible for a subsidy of Rs.10,573/- from the Government of India.

4. The policy of the Government is to encourage irrigation schemes in neglected districts like South Kanara. This scheme is included in the list of irrigation schemes for which a lump sum provision has been included in the Budget Estimate for 1949-50. In view of this and having regard to the Grow More Food value of the scheme, this department recommended the scheme for sanction. The Collector had urged that it should be taken up and completed before May, as otherwise one working season would be lost, and so this department suggested that the procedure for extfemely urgent cases might be followed and the scheme sanctioned after circulation to Hon'ble Minister (Public Works), Hon'ble Minister (Finance) and Hon'ble the Premier.

5. Revenue and Finance agreed to the proposal. Finance suggested that a betterment fee might be levied on lands likely to be benefited and that the Govt.'s intention in this regard might be given wide publicity. Finance also pointed out that the expenditure on the scheme would be on 'New Service', that as it was too late to obtain a supplementary grant from the Legislature in 1948-49, the scheme might be sanctioned with instructions to the Chief Engineer (Irrigation) not to incur any expenditure in the current year, and that a supplementary grant might be obtained next year. They further suggested that the further report from the Board of Revenue regarding the land acquisition charges might be awaited before the Government of India were addressed for subsidy. The

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suggestions of Finance were accepted in this department.

The proposal was approved in circulation to Hon'ble Minister (Public Works), Hon'ble Minister (Finance) and Hon'ble the Premier and orders sanctioning the scheme have been issued in G.O. Ms. No. 1145 Public Works, dated 27th March 1949.

Copies of this note may be circulated to all the Hon'ble Ministers who have not seen the case and copies may also be sent to the Chief Secretary and Finance Department.

D. Amalorpavanathan 20-3-49,
Additional Depty. Secretary to Govt.

cdv/31-3.
PKM/31.3

59 ✓ PWD/5)

V. Urgent

Memo no 1845 J/49-1 d 3/5/49.

Subt: Irrigation - S. Kanara Dt. Udipi taluk - Improvements to chantar Madaga -
Ref: G.o Ms no. 1145 PW d 27-3-49

The attention of the Bd of Rev is invited to paras 3 & 4 of its reference no. H1-7147/49 d 3-3-49 and the Board is requested to expedite the submission of the further report mentioned therein. As the information is required for claiming the subsidy from the Govt of India, the Board is requested to treat the matter as urgent.

To
The Bd of Rev

PM
2/5/49

Note. The above draft memo is submitted with reference to the orders at 'A' on p 13 ante of Go no. 1145 PW d 27.3.49.

PM
2/5/49.

REVENUE DEPARTMENT

Subject:

Irrigation - South Kanara District - Udipi Taluk - Improvements to Chantar Madaga.

Ref. H1-7177/1948.

Madras. Dated: 10-5-1949.

N. C. Thomas Esq., B.A., Joint Secretary
Board of Revenue.

V. N. Kudva Esq., I.C.S., Commissioner of
Land Revenue, Excise and Prohibition.

Read the following:

Board's Reference. H1-7177/49 dated 3-3-1949.
Do. Do. 5-4-1949.
From the Government P. W. D. Memo No. 1845-J/49-1 dated 3-5-1949.

REFERENCE:

2. The Board submits that the further report called for from the Collector of South Kanara has not yet been received and that its final remarks will be sent on receipt of the Collector's report.

for Joint Secretary.

To

The Secretary to Government,

Public Works Department,

Madras.

(Para 2 only).

Aziz. 11/5.

ASST. SECRETARY TO GOVERNMENT
13 JUN 1949
PUBLIC WORKS DEPARTMENT

63 45

REVENUE DEPARTMENT

Subject

IRRIGATION - (South Kanara) Udipi Taluk - Chantar Madaga - Improvements.

Station:Madras Ref.H.1/7177-48 Dated 10-6-1949

From

N.C. Thomas Esq., B.A.,
Joint Secretary, Board of Revenue.

V.N. Kudva Esq., I.C.S.,
Commissioner of Land Revenue, Excise & Prohibition.

Read: From the Collector of South Kanara R.Dis.25241/48 d/25-2-1949.
From the Collector of South Kanara D.Dis.7060-49 dated 18-5-1949.

REFERENCE.

The Collector of South Kanara has reported in para 4 of his report dated 25-2-1949 that besides the 303 acres of land under the II crop referred to by the Public Works Department, an additional extent of 55 acres of land could be brought under cultivation for III crop, whereas the Chief Engineer (Irrigation) has stated in his report No.4522-44-B.30 dated 19-1-1949 that the improvements proposed would facilitate the irrigation of 243 acres of second crop. The collector is requested to furnish correct figures of the extent benefitted by the proposal, and to prepare and submit a revised financial forecast taking into account also his report D.Dis.7060/49, dated 18-5-1949 on the enhanced land acquisition charges.

As a reply has to be sent to the Government, the Collector is requested to treat this as specially urgent.

for Joint Secretary

To the Collector of South Kanara.
Copy to the Secretary to the Government, Public Works Department, Madras
Copy to the Chief Engineer (Irrigation), Madras.

RVK/11-6

Copy of D.Dis.No.7060-49 dated 18th May 1949 of the Collector of South Kanara.

Sub:- Irrigation (South Kanara) Udipi Taluk - Chantar Madaga Improvements - Further remarks - Submitted.

Ref:- Board's Ref.H.1/7177-48 dated 3-3-1949 and 10-5-1949.

The land acquisition charges of Rs.8925/- provided for in the estimate sent by the P.W.Department were based on the market value of lands as it prevailed in the year 1945. Enquiry shows that the value has since shot up to 50% more. The amount provided for, therefore, require revision. A revised statement of charges with reference to the current market rates is given below:

Classification of land	Extent acres.	Rate per acre.	Amount. Rs.	A.	P.
Wet II class lands.	2-15	Rs. 3000/-	6450	0	0
Wet III class lands.	4-43	1500/-	6645	0	0
Garden lands.	0-13	2250/-	292	8	0
Total	6.71		13387	8	0
15% Solatium			2008	2	0
	Total		15395	10	0

p.t.o.

The total extent of land to be acquired is 6.71 acres and the estimated amount required for acquisition charges comes to Rs.15395-10-0 The estimate may be revised accordingly.

2. Enquiry has shown that it may not be easy to make the owners of lands proposed to be acquired to part with them before the land acquisition proceedings are completed. However, the urgency provisions of the land acquisition Act can be applied to take possession of the lands before the Land Acquisition proceedings are actually completed.

(True copy).

for Joint Secretary

RVJ/11-6

P.W.D (J)

To

As

pp 5-6 above

A.R. till 20/7/49 (para 2 p5 ant)

P.W.D. (J)

Memo No. 1845 J/49-2 dated 20.7.49

Sub: Irrigation- S. Kanara Dt.- Udipi taluk- Improvements to Chantar Madage

pp 5-6 above. Ref: From the Bd of Revs, Ref H1/7177-48 d 10-6-49

The Bd. of Revs is requested to expedite its report in the matter.

To,
The Bd of Revs.

65

REVENUE DEPARTMENT.

Subject.

IRRIGATION - (South Kanara)- Udipi Taluk - Chantar Madaga - Improvements - further Report.

B.P.Rt.No.6778/49

Station.Madras. Dated 6-12-1949.

From

Sri. N.C.Thomas, B.A., Joint Secretary,Board of Revenue.

...

Sri. V.N.Kudva I.C.S., Commissioner of Commercial Taxes.

...

Read:- 1. G.O.No.Ms.1145 P.W.D dated 27-3 -49.
2. From the Government Public Works Department Memo.No. 1845 J/49-1 d/ 3-5-49.
3. Board's Ref.H.1. 7177/48 dated 10-6-49.
4. From the Collector of South Kanara R.Dis.No. 13979/49 dated 11-11-49.

...

RESOLUTION:-

Submitted to the Government.

2. In the estimate submitted with the Chief Engineer's report No.4522/44 B-30 dated 19-1/-1949 , the land acquisition charges were taken as Rs.8,925/-. The Collector has since reported that the Land Acquisition charges may be estimated at Rs. 15,395-10-0 . The Board agrees with him.

3. The extent to be benefited by the scheme may be adopted as 303 acres as estimated by the Public Works Department.

For Joint Secretary.

To The Secretary to Government, Public Works Department,Madras.(with encls)
Copy to the Chief Engineer,Public Works Department,Madras.(with encls.)

N.N.6-12

Copy of the South Kanara Collector's letter No.R.Dis.No. 13979/49 dated 11-11-49.

...

Sub:- South Kanara - Udipi taluk - Chantar Madaga - Improvements.

...

Ref:- Board's Ref.No.H. 1./7177-48 dated 10-6-49.

... ...

There is difference of opinion between the Tahsildar, Udipi and the Executive Engineer, South Kanara Division regarding the extent likely to be benefitted from the chantar Madaga scheme.

2. According to the Tahsildar ,Udipi, an extent of 276-36 acres is already under II crop cultivation and only an extent of 48-17 acres will be brought under II crop cultivation after the improvements. A copy of his letter D.Dis.No. 5692-49 dated 10-9-49 is enclosed for reference. The Executive Engineer, South Kanara division on the other hand explains how an extent of 303 acres will get an assured water supply for cent per cent successful cultivation after the repairs are carried out. A copy of his letter No. 2849 M dated 24-10-49 is also enclosed for reference. Though out of the above extent, 276.31 acres are already under second crop cultivation the fact that this extent will enjoy the benefit of an assured supply was taken into consideration in reckoning the extent benefitted by the proposal and the extent included in the total acreage reported. The extent of 303 acres may, in the circumstances be finally adopted as the additional acreage to be benefited from the scheme.

3. The land acquisition charges as reported in this office D.Dis.No. 7060/49 dated 18-5-49 requires no revision.

Sd/....
For Collecotr.

/True copy/

Copy of D.Dis. No 5692/49 from the Tahsildar, Udipi dated 10-9-49 to the Collector of South Kanara, through the Revenue Divisional Officer, Coondapur.

...

Sub:- Irrigation Udipi taluk - Chantar village - Chantham Madaga - Improvment additional extent further report submitted.

...

Ref:- Collector's Ref.C.No. 13976-49 B.9, dated 21-6-49.

...

I inivite your kind attention to para 4 of my reply D.O to the Collecter, which is at pages 17 and 18 of the Collector's D.Dis. 7060-49. It was my intention that any difference in the extent of land to be irrigated or acquired could be settled by a joint inspection by me and the supervisor, Public Works Department, somehow the Supervisor was not available for a joint inspection and I am obliged to submit my report by ascertaining from the village officers as to his bent of mind.

2. I am unable to make out the basis under which the Chief Engineer (Irrigation) has stated that the improvement of the madaga would facilitate the irrigation of 243 acres of second crop. My personal enquiries show that the sub divisions particularised in schedule A consisting of 165-43 acres in Chanthar, 78-98 acres in Matapady and 31-90 acres in Handady were cultivated with second crop in the last fasli (1358) and that the sub divisions particularised in schedule B consisting of 34-85 acres in Chanthar, 4-01 acres in Matpady and 9-31 acres in Handadi could be grown with second crop. Thus 276-31 acres are already under II crop cultivation and another 48-17 acres could be brought under II crop cultivation after improvment to the Madaga. The figures now furnished may therefore be taken as correct ones:-

3. Subsequently Collector's R.O.C. 18235-49 dated 16-8-49 has been received from the Revenue Divisional officer, Coondapur directing me to submit proposals for acquiring the plots particularised in schedule C.

4. The total extent of land to be acquired in accordance with the revised proposals is found to require revision. The estimated value of the land to be actually acquired on the basis of the valuation already submitted is given at the foot of schedule C. Collector's office file D.Dis.No. 7060-49 is enclosed.

SD/ ...
for Collector.

/True copy/

(P.T.O .)

Copy of letter from the Executive Engineer, South Kanara Division, Mangalore No. 2849-M, dated 24-10-49. to the Collector of South Kanara, Mangalore.

...

Sub:- Irrigation - Udipi taluk - Chanthar Madaga Tank - Improvements - certain particulars.

... ...

REf:- Your letter C.No.B.9-13979-49 dated 20-9-49.

...

With reference to the above, I invite your attention to paras 2 and 3 of letter No. 1495 I dated 29-7-49 communicated with this office No. 2674 M dated 24-8-49 wherein it has been explained how the extent of 243 acres of lands are stated to be possible of being FACILITATED for II crop irrigation. In the same letter it has also been explained that besides the above, some additional extent of about 60 acres can be irrigated from spring supplies obtaining from the high level lands on the sides from the tank bed. Probably due to these and last year being one of the very favourable years, the extent of 276.31 acres might have been cultivated as stated by the present Tahsildar. But whether this cultivation gave a cent percent successfull harvest is not known. Even if it is so, it may be one of the very fatourable years. But after these improvements are carried out to the tank, the lands mentioned in the Chief Engineer for Irrigation's letter, will get assured supply and the cultivation will be cent perseent successful. This fact was also explained to all the ryots during the Ryots conference held on 17-11-48 at Udipi and the ryots expressed their willingness to pay the water rate etc., vide your letter R.Dis 17556/48 dated 17-11-1948.

In this connection , I also invite your attention to the previous report D.Dis.No. 7670/-45 dated 21-12-45 to you from the Tahsildar of Udipi to the effect that the scheme is full of possiblities if given effect to and that it would not only help the 368 acres of lands then being cultivated with II crops but would help the cultivation of an additional 255 acres with II crop rice also etc.

2. A copy of the report with the sanctioned estimate for the work explaining the matters is also enclosed for information.

Sd/-...
Exe.Engineer.

/True copy/

Report to accompany the estimate for "improvement to Chandar Madaga" in Chandar village, No.55, Udipi taluk, South Kanara, Distbict.

.....

Amount of estimate Rs. 39,761/-

The tank "Chandar Madaga" is situated in Chandar village No.55 of Udipi taluk South Kanara district. It receives the drainage from its free basin of 0.38 square mile. The tank has high ground on three sides except on the west which is protected by a bund of about 1000'-0" long. The tank has neither pucca masonry escapes nor pucca masonry sluices. The Surplussing and regulation of water are done by open cuts. At the close of the monsoon, the open cuts are bunded leaving one of the supply of water to the high level lands at the right and another for low level lands at the left end.

2. There is no registered ayacut for this tank. About 437-49 acres in the village of Chandar , Malpadi and Handadi are usually taking water from this tank, to supplement the rain water in the first crop period. Of the above extent an area of 325.70 acres are classed No.1 wet, which is entitled to raise second crop.

3. The present capacity of the tank is only 3.47 M.Cft. This will irrigate ordinarily about 30 acres with a duty of 8 acres per million cft. of water, according to the standards of tank irrigation. But the fact is this - that an extent of 325 acres is entitled to raise a second crop. In the west coast, the south west and the North west monsoons are so favourable that very little water is required for irrigation, as the rain water meets the need direct till the end of November. It is only during the months of December and January for a period of 45 days the tank water is needed. In the west coast it may safely be assumed a duty of 30

(P.T.O.)

69

-4

30 acres per million cft. Even then the possible extent of successful irrigation of second crop under this tank may be only about 110 acres. Hence in may years the full extent is not raised with second drop.

4. It is proposed in this estimate to improve the tank so as to hold about 10.6 million cft. to facilitate the irrigation of 243 acres of second crop.

5. IMPROVEMENTS PROPOSED ARE:

i. the vegetation of the bund will be fully cleared.

ii. the standards of the bund will be raised to hold an additional 6'-0" height of water.

iii. the present open cuts will be replaced by pucca masonry sluices.

iv. Regular surplus escapes will be provided at both ends.

v. Acquiring the lands which are liable for submersion due to increased F.T.L.

Bund:- The F.T.L. of the tank will be raised from plus 52.00 to plus 58.00 with a top width of 4'-6" side slope 1½ to 1, in front and 2:1 rear, with a free board of 4'-6" above M.W.L.

No revetment is proposed as the soil is gravelly and the tank is a small one of about 30 acres.

6. Sluices. (a) High level sluices at the right end at L.S. 730 ft. This will be 6" pipes sluices with sill at plus 51.00 fixed in a bed of 6" pipes sluices with sill at plus 51.00 fixed in a bed of 6" concrete with necessary front and rear walls. As the maximum depth of water is only 7 ft. no regulating arrangement is proposed.

(b) Low level sluices at L.S. 150 ft. This will be a tower head sluice with sill at plus 44.00 The tower will have a diameter of 4'-0" the vent will be 1-6" X 1'-1" and will be regulated by paddle shutters with iron flat stems. The barrel will be 2'-0" wide and the height will be about 8' as it has to be cut in laterite rock, and the cover slabs will be on top of laterite bed.

(c) SURPLUS ESCAPES:- Rough stone by washes will be provided both at the right and left ends of the bund for the length of (20plus 40) or (60-0) respectively. The bund infront and rear will be rivetted with laterites 1'-6" deep to a level of plus 58.00 with a core bodywall of 3'-0" thick in mortar. No land will be acquired for leading the surplus course but will be allowed to spill over the wet fields in rear as existing at present by the tank. Of this an extent of 31.70 acres are high level being supplied by the cut at L.S. 730 ft. on the right end with the sill at plus 51.00. It is now proposed to provide a pipe sulices of 6" dia. with a sill at the same level of plus 51.00.

The remaining extent (435-32) or 403 acres will be fed by the low level sluice at the left end with sill at plus 44.00 i.e the level of deepest cut.

Allowing a duty of 40 acres the discharge required for 403 acres will be 10 cusecs. The proposed sluices should be capable of drawing this quantity with a minimum head of any 1'-0".

$$Q = C. A.V. \frac{\cdot}{2 Gh.} \quad \text{where } C.= 0.8$$

A - 10/0.8 X 8 X 1 - 10/6.4 = 1.56 sq.ft.
Therefore the vent may be 1'-6" X 1'-1".

The barrel in rear may have a width of 2'-0" and the height may be as much as the laterite rock will admit - presumed to be at a level of plus 52.00.

Sd/-....
for Superintending Engineer.

/True copy/

(P.T.O.)

7. CALCULATION FOR FLOOD DISCHARGE: Area of free basin 0.38 sq.miles.

Area of combined basin 0.38 sq.miles.

(a) From a record of rainfall at Udipi during the last eleven years from 1934 to 1944 it is seen that the maximum rainfall during any three succeeding days has occured in 1938 September,i.e.

1938	September,	29th	...	8.10"
"		30th	...	6.23"
"	October,	1st	...	0.77"
				15.10

Therefore the maximum in incidence of rainfall that may occur any one day many be taken as 15".

The run off for 1 sq.mile for 24 hours taking the run off as .cent per cent. (5280 X 5280 X 1.25) cft.

Therefore run off per second for 1 sq. mile $\frac{5280 \times 5280 \times 1.25}{24 \times 60 \times 60}$ - 403 Cusecs.

Therefore discharge on C.38 Sq. - 0.38 X 403 - 153 Cusecs.

b) Discharge as per Ryves formula.

D- C.M. 2/3 where C. - 450 2/3

- 450 X 0.38

- 450 X 0.525 - 236 Cusecs.

c) Discharge as calculated from the existing cuts.

3 cuts in 1 right sides of		6'-0"	wide at plus	52.89
do		10'-0"	do	51.89
	3	1'-0"	do	44.59
Left side.	4	1'-0"	do	50.01
2 cuts.	5	3'-0"	do	52.00

8. No definite information is available about the depth of flow during the maximum rainfall. But the ryots that it was never more than 1'-0". Hence it is safe to presume that the M.F.L. will not exceed plus 53.00. Then the discharge may be:- assuming a velocity of say 5'-0" per second.

1. 6X 11 X 5	- 3.30 cusecs.	
2. 10 X 2.0 X 5	- 100.00	
3. 1 X 8.41 X 5	- 42.05	
4. 1 X 2.99 X 5	- 14.95	or 175.30 cusecs.
5. 3 X 1 X 5	- 15.00	

As the figures are all varying the safe limit may be taken as 153 cusecs, arrived by actual calculation of the incidence of rainfall.

SURPLUS ARRANGEMENTS: The discharge per foot run of roughstone escape. D-2/3 C X L V. 2gh where L is limited to 1'-)0" and C - ½

. 2/3 X 1.1/2 X 1 X 8 v 1.

Therefore length required 153/2.67 - 57.3 R.ft. or say 60 rft.
This will be provided on both the lasks.

Right side.	20'-0"
Left side.	40'-0"

10. AYACUT PARTICULARS. There is no registered ayacut under the tank. But by usuage an extent of 434.70 acres are being benefitted.

Sd/-...

/True copy /

N.N.6-12.

For Joint Secretary.

6/12

GOVERNMENT OF MADRAS
PUBLIC WORKS DEPARTMENT
***

9 DEC 1949

#7257

MEMORANDUM NO. 1845 J/49-5, DATED 6TH DECEMBER 1949.

Sub:- IRRIGATION - South Kanara District - Udipi Taluk - Improvements to Chantar Madaga.

Ref:- From the Board of Revenue, Ref. H1/7177-48, dated 31-10-1949.

The Board of Revenue is requested to expedite the submission of its remarks on the above subject.

V.M. Vaidyanathan,
ASSISTANT SECRETARY TO GOVERNMENT.

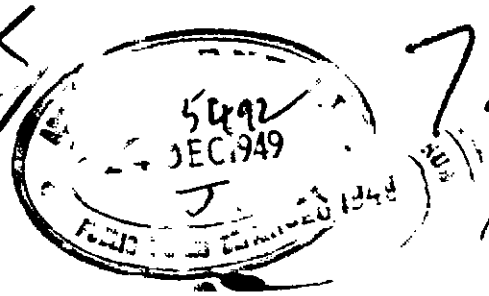
To

The ~~Chief Engineer, Public Works Department, Irrigation Branch.~~ Board of Revenue

Forwarded / By order.

SUPERINTENDENT.

FVM/6/12/



72

N.D.S.H1/7252-49
Resubmitted
2. The Board's remarks have been submitted in its Rec. Reg. 6478/49 d 6-12-49.

20/12/49
Assistant Secretary
Board of Revenue

~~b17 (M)~~
recd.

WRC
19.12.49

P.W.D. (J)

To The Secretary to the Govt. Pairy

The Board's report has been received and the main file has been sent to Fin. on 20.12.49. This may be added to it on its return to Sec.

29.12.49

29/12/49

1/1/50

Revenue Department
Subject

Irrigation-(South Kanara)Udippi taluk-Improvements to Chandra Ma[illegible].

Station: Madras. L.Dis.M1.3287/50 dated 29/6/50.

From:

Sri N.C.Thomas, B.A., Joint Secretary, Board of Revenue.
Sri V.N.Kudva, I.C.S., Commissioner of Commercial Taxes

Read: From the Chief Engineer(Irrigation) post copy of Telephone Message ~~dated~~ No. 3361/49 -M-6 dated 14/6/50.

SECRETARY TO GOVERNMENT
3/52
1 - JUL 1950
PUBLIC WORKS DEPARTMENT

The orders of Government have not yet been received.

for Joint Secretary

To
The Chief Engineer(Irrigation)Chepauk,Madras
Copy to the Secretary to Government
Public Works department

skr.29/6.

7/6.7.50 6/7 3 P.W.D. (J3)

Memo No 3152 8/50-1 dated 6.7.50

Subj: Irrign- S. Kanara Dt- Udipi Tk- Improvements to Chantar Madaga.

Ref: From the Bd. of Rev. L.Dis Hi 3287/50 d 29.6.50

plc/

The Bd. of Rev. is requested to send a copy of the CE's p.c of T.M No 3361/49 M6 d. 14.6.50 referred to in its reference cited and to state the point on which the orders of Govt are awaited.

recd 4.7.50

4/7/50

5.7.50

To,
The Bd of Rev:

Lopd
7/7

Note: There are no papers pending on the above subject

6.7.50

4 2 memos/ [illegible]

P.W.D. (J)

96/5/8

Memo No 3152J/50-2 d 5.8.50.

Sub: Qrs on [illegible] 3 cents.

Ref: Govt Memo No 3152J/50-1 d 6-7-50 [illegible]

The Bd of Rev: is requested to expedite the submission of its reply to the Govt Memo cited.

4.8.50

4/8/50

5/8/50

To,

The Bd of Rev:

MG

MG 8/8

1/2

5 P.W.D (J)

43
16.V

T.M. No. 3152 J/50-3 of 14-9-50.

From the Asst. Secy. to govt. P.W.D.
To the Jt. Secy. Bd of Rev.

Lead Rs 2019

Sub: Sanctioning - South Kanara Dist - Udupi Taluk - Improvements to Chantar Madaga.

Ref: Govt. Memo No. 3152 J/50-1 P.W.D. 6-7-50. and reminder memo thereon No. 3152 J/50-2 of 5-8-50.

Please expedite the Bd's reply or say when it may be expected.

P.C. togo.

13/9/50

13/9/50

13/9/50

.6.

15/4/12

PWD (Ex)

Memo. no. 3152 J/50-4 dt 2-12-50.

Sub :- Irrign - South Kanara District.
Udipi Taluk - Improvements to
Chantar Madaga.

Ref :- From the Bd of Rev. Ref. L.Dis H.1 3287/50 dt 29.6.50
Govt. Memo no. 3152 J/50-1 (P.W.D) dt 6.7.50

The attention of the Bd of Rev. is invited to the references cited above and it is requested to expedite the submission of its report.

1.12.50

5/12/50

29/11/50

To

The Bd of Rev.

7 P.W.D(J)

51/12/1

T.M.no. 3152J/50-5 dated 16-1-1951.

From the Asst. Secy. to govt. P.W.D.

To the ~~Chief~~ Joint Secy., Bd. of Rev.

Sub: Sanjathi - South Kanara Dist. - Udupi taluk - Improvements to Chantar Madaga.

Ref: Govt. Memo.no. 3152J/50-4 dt. 7.2.12.50.

Please expedite the Bds report. or say when it may be expected.

P.C to P.

11/1/51

11/1/51

13.1.51

Pl Abdulla 15/1

Note: The Board may be reminded by D.O. next if no reply is received by 10.2.51

11/1/51

13.1.51

P.W.D(I)

9

D.O.no. 3152J/50-6 of 10-3-1951.

My dear Thomas,

Sub: Irrigation - South Kanara dist. - Udipi taluk - Improvements to Chandra Madugu.

Ref: Reference from the Bd. of Rev. no. L.Dis.HI. 3287/50 dated, 29.6.50.

to the Bd. of Rev. Memo. no. 3152J/50-1 of 6.7.50. and reminders thereon dated ~~3152J/50-2~~ of 5.8.50, ~~3152J/50-3~~ of 14.9.50, ~~3152J/50-4~~ of 2.12.50, and ~~3152J/50-5~~ of 16.1.51.

I am to invite

P.T.O.

your attention to the reference cited.
As the matter has been pending with the Board for more than six months, I am to request you to kindly look into this matter personally and send a reply to your expeditiously.

27/4/51 27/4/51 6.3.51 10.3.59

Yours faithfully,

12/3.

To
Thiru. N. C. Thomas, B.A.
Joint Secretary,
Bd. of Rev.
Chepauk, Madras

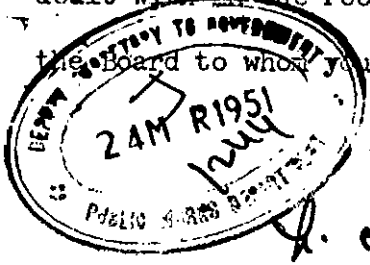
D.O.No.H.1318/51. Board of Revenue, Madras.
Dated 22nd March 1951.

My dear Gopal Menon,

Sub:- IRRIGATION - (South Kanara) - Udipi Taluk - Improvements to Chandra Madugu.
Ref:- Your D.O.No.3152-J/50-6, dated 10-3-1951.

**

I am to state that the matter is being dealt with in the Food Production Branch of the Board to whom your D.O. is being sent.



Yours sincerely,

22.3.51

To
Sri M.Gopal Menon, I.C.S.,
Deputy Secretary to Government,
Public Works Department,
Madras.

P.W.D.(J.)

A.S. Filed. (with file no. 3152 J/50 dated to A.S. & returned by us on 24/3/51)

30/3/51

13.11

F&A(AR) Dept

AS

P.W.D. may be requested to transfer the file noted in the margin as it relates to an Intensive Cultivation Scheme.

Subject:
Re:- D.C. Scheme-
Sanction of L
Improvements to
Chandar-

PWD Cr. No. 3152 J/50.

FOA (FO) No
RVSK/51-IFO II
22/3/51

21/3/51 — 22/7/51 — PWD

P.W.D(J)

A.S.

The paper referred to by F&A(F.D) Dept are on pages 1-10 ante. This may be returned to the F&A(F.D) Dept.

24/5/51 — 24/3/51 — 3.W.D. — F&A(AR)

PWD U.O.
3152J/50-7
5-4-51

PUBLIC WORKS

BOARD OF REVENUE
12547
9-APR 1951
FOOD PRODUCTION

J

FJAC(8.11)

A.S. The C.E.'s reference at ✕ on p/l ante, is a reminder to his letter dated 3361/49-M-1; dated 4.5.49 for which the P.W.D. appear to have given a reply in their Endt. no. 1964 J/49-1, dated 16.5.49. Next depth may be requested to put up the original of the file in which the Chandan Nagar Scheme was sanctioned.

J
12.10
~~1065~~

30.5.51 | 31/5/51 | 31/5/51 PWD

L.O. 12547/51-1 FP II-B
31.5.51

PWD(J).

A.S.

G.O. no. 1145 PW.-g. 27.3.49

(V) in which the Chandan Nadaga scheme was sanctioned is put up below. This may now be returned to F&A(FP) Deptt.

5/6/51 5/6/51 6.6.51 F&A(FP)

P.W.D. U.O.

2270 J/51-1
6-6-51
With U.O. no. HS-7145 PW
dy 27-3-49 from Finance

21117
1 JUN 1951
B
PRODUCTION

(U.O. no. 17227/51 dt. 6.6.51 to Finance)

A & FP) The Chandan Nadaga scheme was sanctioned in G.O. No 1145 PW dt 27-3-49 without waiting for the Bd's report on the Fin. Rev aspects. However on receipt of the Bd's report, the revised financial forecast of the scheme was revised to claim the correct subsidy and the scheme was included in the S.C Works schemes programme for 1950-51 under item 43 of Statement II. In the circumstances no separate applns for claiming Rs/9 subsidy was considered necessary. It is submitted that without ascertaining on what further points orders are awaited, the B & A(P)'s Office & the Govt in PWD were issuing reminders in a routine way. The file has since been transferred from PW to this deptt and it has been informally

ascertained in the Ld E(D)'s office, that the reminders were issued in a routine way & that no further information is awaited in the circumstances stated at A on P 15 ante.

No further action is therefore called for on this end the ppo may be lodged.

Correct? (illegible) Bdn
(illegible) 17.2.57

Petition is being taken in the Board's file & the C.E.(D) is being asked as to what exactly he wants. He may be called receipt of his reply.

PDBPS.

OFFICE OF THE BOARD OF REVENUE(FOOD PRODUCTION) MADRAS.

Sri V.S. Hejmadi, I.C.S.,
Commissioner of Food Production.

...

Board's L.Dis.19689/50 F.P.II.A. dated 24-10-1951.

...

Sub: Irrigation - Intensive Cultivation (Works) Scheme - South Kanara District - Udipi Taluk - Improvements to Chantar Madaga.

Read: From the Chief Engineer(Irrigation), letter No. 3361/49 - M-14, dated 16-10-51.

...

The Chief Engineer(Irrigation) is informed that the Government have already claimed a subsidy of Rs.14,767 in respect of the above scheme while forwarding the P.W.D.Irrigation, G.M.F. Programme for 1949-50 to the Government of India, which is based on the Board's recommendation in paragraph 2 of B.P.Rt.6778/49, dated 6-12-49.

M.Rahmatullah,
Assistant Secretary.

To
The Chief Engineer(Irrigation).
Copy to F.&.A.(FP)II.A.)
(with enclosures.)

/Forwarded/By Order/

LP/31-10

S. Krishnamurthi 1-11-51
SUPERINTENDENT.

Copy of the letter No.19689/50-2 F.P.II.B. dated 7-8-51 from the Board of Revenue (Food Production), to the Chief Engineer(Irrigation

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Sub: Irrigation - South Kanara - Udipi Taluk - Improvements to Chantar Madaga.
Ref: From the Chief Engineer(Irrigation) 3361/49-M-13 dated 5-7-51.

The Chief Engineer (Irrigation) is requested to state the points on which orders are required.

(True copy.)

Copy of the letter No.3361/49-M-14 dated 16-10-51 from the Chief Engineer(Irrigation) to the Secretary (Board of Revenue(Food Production).

Sub: Irrigation (South Kanara)Udipi Taluk - Improvements to Chantar Madaga.
Ref: Board's Ref.No.19689/50-2 F.P.II.B. dated 7-8-51.

I request to be informed what orders have been passed by Government, on para 2 of Board's Ref.B.P.Rt.No.6778/49 dated 6-12-49. In this connection, I also invite attention to the Board's reference L.Dis. M.1.3287/50 dated 29-6-50 on the subject.

...

/True copy/

LP/ 31-10

S. Krishnamurthi 1-11-51
SUPERINTENDENT.

F+A(F.P.II A)

A.S.

Please see p. 17 ante. No further action is called for in this file. The papers may be sorted and attached with Govt. Memo. No. 1145, P.W.D., dated 27-3-49.

(1)

2.11.51.

2.11.51.

H.M. (P.W).

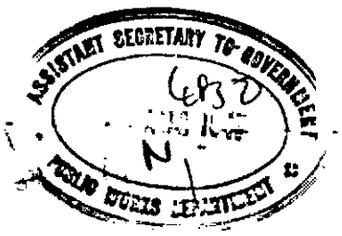
13

'Chandramadaga'

You may remember the big tank that you saw near Brahmavar, South Kanara. Government have proposed to repair the tank and the ryots have agreed to pay water-tax at the rate of Re.1/- per acre. It is a long-standing matter. Several engineers have seen the tank and prepared estimates. Kindly let me know when the work will be taken up for execution. It will help the Grow More Food campaign.

14/8/47

H.M. (P.H.)



Seq P.W reference may be made to the C.E (I). I would like to know the position
MB 14/8

A.S. P.W.D (N)

Ref. The minutes above and H.M (P.H)'s minute at Pp. 1 and 5

The Chandramadaga tank in the S. Kanara District is reported to have a catchment area of 38 sq. mile or 250 acres. It has a waterspread area of 25 acres and a Storage Capacity of 2·83 M.c.ft. It irrigates about 263 acres of second crop, the first crop of 623 acres being fed by rain mostly. There are springs which feed the tank, and the second crop is reported to require water enough only for a period of 1½ months. With reference to a Legislative Assembly Question, the C.E (I) reported, in July 1946, that the Chandramadaga Scheme was very costly involving acquisition of valuable wet lands on the foreshore and that, as the ryots agreed to pay a small extra water rate, the scheme was being re-examined. The C.E (I) inspected the tank in February 1947 and gave necessary instructions to the Subordinate officers. The C.E. is awaiting the estimate of the cost of repairs of the tank from the S.E., Coimbatore Circle.

Inspection Note dated 1-2-47

The C.E. may be asked to expedite submission of his final report in the matter. Draft submitted.

Asst 21847 21/8/47

22847

(1) Draft
(2) As 2

[From the Hon'ble Sri A.B. Shetty, D.O. dt 14-9-48 to HM(PW)]

Secy PW.

I would like to know the position

M.B / 16.9.48.

The 'Chantar Madaga' tank in Udipi taluk of S. Kanara Dt irrigates about 263 acres of second crop, the first crop of 623 acres being fed by rains mostly. The question of carrying out repairs to the tank has been engaging attention for a long time. In July 1946 the C.E(I) reported that the Chantar Madaga Scheme was very costly involving the acquisition of wet lands but that as the ryots had agreed to pay a small extra water rate, the scheme was being re-examined. The C.E(I) inspected the tank in Feb 1947 and gave necessary instructions in his inspection note to the local officers. Subsequently the C.E reported in May 1947 that he was awaiting the estimate of cost of repairs to the tank.

2. The C.E(I) has not so far submitted the estimate. He may be reminded again. Subject to orders, a draft memo is submitted.

3. After issue, the file may be circulated to HM(PW) for (PH) information with reference to this minute extracted above.

P KM
16-9-48

16/9/48

20.9.48

21.9.48

HM (PW)

HM (PH)

22/9

22/9

(X) Issued

2059 N J/48

[Letter dt 25.9.48 from Sri B.V.Madhavarao to the H.M(PH)]

Please see the letter from Sri B.V.Madhavarao and H M's(PW) minute thereon at pp 23-24 Cf.

2. The Case is explained in the notes at p 2 ante The C E(I) was last reminded by a D.O on 21.9.48 to expedite the submission of the report regarding the 'Chantar Madaga' tank. His report is awaited.

21 Cf

3. H.M (PW) and H M(PH) saw the Case on 22.9.48. For orders whether the file will be circulated again now with reference to H M's(PW) minute at p 23 Cf.

2 ante

PKH
4/X/48 — 4/10/48

5.10.48

A.D.S.

Not necessary here now. Pl issue the d.o. reminder on p 22 cf & put up after his reply comes in.
D/E
6/10/48

[Issued as D.O No. 2059-J/47-68 6-10-1948 to the C E(I)
From the Dy C E D.O No. 4522/44 B-29 dt 7-10-48]

p 22 Cf
p 25 Cf

Please see the reply from the C E(I) at p 25 Cf.

2. The final report from the C E(I) may be awaited till 20/11/48.

PKH
21.11.48 — 21/10/48

22.10.48

A.D.S.

Ref H M's Query at bottom of p 23 Cf
Please See p 25 Cf

D/E
22/10/48

H M (PW)

25.10

15/10/48

[From the C E(9) no. 943/48-D-19 dt 29-10-1948]

The C E(9) has suggested that the scheme for improving the Chantar Madaga tank in Udipi taluk of S. Kanara Dt may be sanctioned as a Part II scheme for 1949-50. He has stated that plans and estimates are under scrutiny and will be sent to Govt shortly. Sir have seen the C E(9)'s Part II scheme note. But

~~2. The receipt of the plans and estimates may be awaited till 20-11-48.~~
~~vide pp 3 ante~~

P(H) 9/11/48 they have not agreed to treat this as Part II Scheme for 1948-50 as plans and estimates are not yet ready. If plans and estimates are received in time, this may be sanctioned in the current year itself. If not, it may be considered in connection with the lump sum provision proposed to be made in the B. E. for 1948-50

Plans and estimates from the C E-(9) may be awaited till 20-11-48 as ordered at A ante pp 3

16/11/48.

11.11.48

[From the C E(9) no. 4522/44-B30 dt 19-1-1949] pp 35-46 cf

To AS

The C E(9) has forwarded an estimate amounting to Rs 26,500/- for carrying out improvements to the Chantar Madaga in Udipi taluk. ⊖ [for works] pp 39-44 cf

2. The original of the C E(9)'s report on the subject submitted through the Bd of Rev. may be awaited till 10/3/49.

P(H) 7/2/1949

7/2/49

8.2.49

(From the Bd. of Revenue, No.R.1.7177/49, dated 3-6-1949,.

To A. S.

The file deals with the proposal for carrying out improvements to the Chanter Madaga tank in Udipi taluk of South Kanara District.

2.. The C.E.(I) has submitted estimates amounting to Rs. 25,500/- for works or Rs. 34,506/- including direct and indirect charges. It is reported that there is no registered ayacut under the tank, but that about 437 acres of land are usually taking water from the tank. Water in the tank gets dried up in December and scarcity is felt during the second crop period for about 45 days. The present proposal of the C.E.(I) is for carrying out improvements to the tank so that the tank may hold water sufficient to facilitate irrigation in about 243 acres of second crop land. It is reported that the ryots are willing to pay a water rate of Rs. 3-12-0 per acre. The gross revenue on the basis of this water rate is worked out by the C.E.(I) at Rs. The Collector has, however, stated that the scheme is expected to benefit 303 acres under second crop and also about 35 acres under third crop and that the total extent of 338 acres would produce about 125 tons of rice,

3. The Board of Rev. has called for further information from the Collector of S. Kanara as to whether provision of Rs.8,925/- for land acquisition charges is adequate and whether the owners of lands will permit the P.W.D. to enter their lands before the acquisition proceedings are completed. The Bd. consider that if the owners will not agree, the question of applying urgency provisions of the Land Acquisition Act has to be considered. Apparently, the urgency is because the Collr. has recommended that the scheme may be executed before May 1949. The

however, recommends that the scheme may be sanctioned without waiting for the Collr.'s report as it may take some time for it to be received and since the cost is comparatively small and the scheme relates to S. Kanara where there are particularly no irrigation works.

4. It is not clear from the report of the C.E.(I) whether there will be sufficient supplies in the tank for irrigation of a second crop on 303 acres and a third crop on 50 acres as reported by the Collr. It, therefore, seems safer to adopt the C.E.'s figure of 243 acres of second crop as the extension of irrigation possible by the scheme. Based on this, the gross revenue from the scheme will be Rs.668/- which would give a return of 1.94%. Deducting the collection and maintenance charges, the net revenue of Rs. 453/- will give a net return of 1.3%. The scheme has been included in the G.M.F. Programme for 1947-48 which has been approved by the Govt. of India. This scheme is therefore eligible for a subsidy of Rs. 10,573/-. Taking this also into account, the scheme would give a net return of 1.9%.

5. The policy of the Govt. is to encourage irrigation schemes in neglected districts like S. Kanara. This scheme is included in the list of G.M.F. Irrigation Schemes for which a lump sum provision has been included in the B.E. for 1949-50. In view of this and in view of the G.M.F. value of the scheme, the recommendations of the C.E. and the Bd. of Rev. may be accepted and the scheme sanctioned for execution. As the Collr. has urged that it should be taken up and executed before May as otherwise one working season may be lost the procedure for emergent cases may be followed and the scheme sanctioned after approval in circulation to H.M.(P.W), H.M.(Fin.) and I.Pr.

Rev. and Fin. may see for remarks

PKM
10/3/49.

11/3/49

Rev.
Fin.

ADDITIONAL ASST. SECRETARY TO GOVERNMENT
15051
11 MAR
REVENUE DEPARTMENT

2059/47-10
11-3-49

F.C

7 Rev. Dept

To A.S.

Please see the notes from p. 5 ante.

2 In the case of some tanks in the South Kanara district the Govt. (Rev. Dept) have sanctioned repairs subject to the payment of contributions by the ayacutdars. The Govt. have also ordered that the repair of 61 other tanks in the same district need not be taken up entirely at the cost of the Govt. as such a course will work hardship on the ryots who paid contributions in the case of the first 6 tanks. In the present case the question of recovering any contributions from the ayacutdars does not appear to have been considered. But the ayacutdars in the present case are reported to have agreed to pay water-cess at the rate of Rs. 2-12-0 per acre whereas in the case of the 67 tanks referred to above no additional revenue was expected. In view of this and of the reasons stated in para 5 of the note on p. 6 ante, it is for orders whether Govt may agree with the proposal of P.W.D. at 'X' on p. 6 ante.

3 The bills may be passed on to Fin.

By
12-3-49.

h
12/3/49

D.S
14/3/49.

Finance.

Rev n 150 S/14/49-1

Fin (Exp I)

14. Mar

ASSISTANT SECRETARY TO GOVT
16798
14 MAR 1949
FINANCE DEPARTMENT

The proposal is to carry out certain improvements to the Chandar Nagar tank in Udupi taluk South Kanara at an estimated cost of Rs 34,506 inclusive of direct and indirect charges. The Ch has stated that the scheme will

facilitate the raising of a second crop on 2 lakh acres of land. The Collr. has stated that the scheme will bring under cultivation 308 acres of land under 2nd crop and 50 acres under 3rd crop. P.W.D. have stated that it is not clear from the Collr's report whether there will be sufficient supply of water from the tank for bringing under cultivation 358 acres of land as estimated by the Collr and therefore they consider it safer to adopt the Collr's figure of 243 acres. The ryots concerned are stated to have expressed their willingness to pay a water rate of Rs 2-12-0 per acre. On this basis the gross return from the scheme works out to 4.94% and the net return to 1.3%. The scheme is eligible for a subsidy of Rs. 10,573 from the Govt. of India, and if this is taken into account, the net return on this Govt's share of the cost of the scheme works out to 1.9%. The scheme is included in the Govt programme for 1947-48 approved by the Govt. of India.

2. The Board of Rev has stated that there is no information as to whether the land requisition charges (Rs 89251) provided for in the estimate are adequate and whether the owners of the land will furnish the P.W.D. the land before the land requisition proceedings are completed. The Board has called for a report from the Collr. on the above points. It has however recommended that the sanction to the scheme may not be withheld pending receipt of the Collr's further report as it is doubtful whether the report will be received in time so as to get the scheme executed before the South-West monsoons set in in May 1949. P.W. agree with the Board and propose to sanction the scheme after following the procedure prescribed for extremely urgent cases in para 21(iii) of the manual of Govt orders (G.O. No. 26978-(A) Rg-4 dt 21.12.44). Finance may agree to the proposal.

In view of the poor return anticipated, there seems to be a case for the levy of a betterment tax from the ryots who will be benefited by the scheme. P.W. may, therefore, be requested to ask the Bd. of Rev

and the C.E.(I) to give the necessary publicity to the Govt's intention to levy betterment tax in respect of this scheme under the Irrigation bill when it becomes law.

3 The expenditure on the scheme will be as on a 'New Service'. It is too late now to obtain a supplementary grant for the scheme in the current year. There is, however, no objection to the scheme being sanctioned in the current year and a supplementary grant being obtained from the Legislature early next year. The C.E. may be advised that any expenditure should be incurred in the current year.

4 As the scheme is included in the Govt. programme for 1947-48 as approved by the Govt. of India, their prior approval is not necessary for the execution of the scheme. They may be addressed for the required subsidy after the scheme is sanctioned, but, before this is done, P.W. may be requested to await the Board's further report referring ↑ in page 8 above, as any increase in the cost of requisitioned lands included in the estimate will affect the subsidy to be claimed from the Govt. of India. The Bd. of Rev. may be asked to expedite its further report at an early date.

P.W.

Fin. U.O. 16798 EC 1

17.3.48

To A.S.

P. W. D.(J).

1147

The file relates to the proposal for ~~carrying out~~ improvements to the Chantar Madaga tank in Udipi taluk of S. Kanara Dt.

2. The C.E.(I) has submitted an estimate amounting to ~~Rs.~~ Rs. 25,500/- for works or Rs. 34,506/- including direct and indirect charges for the work. It is reported that there is no registered

ayacut under the tank, but that about 407 acres of land are usually taking water from the tank. Water in the tank gets dried up by December and scarcity is felt during the second crop period for about 45 days. The present proposal of the C.E.(I) is for carrying out improvements to the tank so that the tank may hold water sufficient to facilitate irrigation of second crop on about 243 acres of land. It is reported that the ryots are willing to pay a water rate of Rs. 2-12-0 per acre. The gross revenue on the basis of this water rate is worked out by the C.E.(I) at 1.94%. The Collector has, however, stated that the scheme is expected to benefit 303 acres under second crop and also about 55 acres under third crop and that the total extent of 358 acres would produce about 125 tons of rice.

3. The Bd. of Rev. has called for further information from the C ollr. of S. Kanara as to whether the provision for Rs. 8,925/- for Land Acquisition charges is adequate and whether the ~~owners~~ of lands will permit the P.W.D. to enter their lands before the acquisition proceedings are completed. The Bd. of Rev. has, however, recommended that the scheme may be sanctioned without waiting for the Collr.'s report as it may take some time for it to be received and since the cost is comparatively small and the scheme relates to S.Kanara where there are particularly no irrigation works.

4. It is not clear from the report of the C.E.(I) whether there will be sufficient supplies in the tank for irrigation of a second crop on 303 acres and a third crop on 55 acres as reported by the Collector, It, therefore, seems safer to adopt the C.E.'s figure of 243 acres of second crop as the extension of irrigation possible by the scheme. Based on this, the gross revenue from the scheme will be Rs.668/- which would give a

return of 1.94%. Deducting the collection and maintenance charges, the net revenue of Rs. 453/- will give a net return of 1.3%. The scheme has been included in the G.M.F. Programme for 1947-48 which has been approved by the Govt. of India. This scheme is, therefore, eligible for a subsidy of Rs. 10,573/-. Taking this also into account, the scheme would give a net return of 1.9%.

5. The policy of the Govt. is to encourage irrigation schemes in neglected Dts. like S. Kanara. This scheme is included in the list of G.M.F. irrigation schemes for which a lump sum provision has been included in the B.E. for 1949-50. In view of this and in view of the G.M.F. value of the scheme, this department recommended that the scheme might be sanctioned for execution. As the Collr. has urged that it should be taken up and completed before May, as otherwise one working season would be lost, this department suggested that the procedure for extreme urgent cases might be followed and the scheme sanctioned after circulation to H.M.(P.W.), H.M.(F in.) and H.P.

6. Revenue and Finance Departments have agreed to the proposal. Finance have suggested that a betterment tax may be levied on lands benefited by the scheme and that the Govt.'s intention in this regard may be given the widest publicity. Finance have also pointed out that expenditure on the scheme will be on a 'New Service' and that supplementary grant will have to be obtained from the Legislature for it. They, however, suggested that as it is now too late to obtain a supplementary grant, the scheme may be sanctioned now with instructions to C.E.(I) not to incur any expenditure in the current year and that a supplementary grant may be obtained next year. They have further suggested that the further report from the Bd. of Rev. regarding the adequacy of provision made

in the estimate for Land Acquisition charges may be awaited before the Govt. of India are addressed for subsidy, as variations in the Land Acquisition charges would vary the cost of the scheme and the amount of subsidy from the Govt. of India. The suggestions of Finance may be accepted. A

7. Since the policy of the Govt. is to encourage irrigation schemes in neglected Districts like S. Kanara where there are particularly no irrigation works and since the scheme ~~is of~~ has G.M.F. value, it may be sanctioned for execution. As it has been urged by the Collr. that the work should be taken up and completed before May as otherwise one working season would be lost, the procedure for extremely urgent cases may be followed, as agreed to by Finance for sanctioning the scheme.

8. The file may be circulated to H.M.(P.W.), H.M.(Fin.) and H.Pr. for orders.

PKM 18/3/49.

H.M.(P.W.) also may see

18/3/49

18.3.49

S / H.M.(P.W.) H.M.(P.H.) H.M.(Fin.) H.Pr.

Irrigation Scheme for S. Kanara – neglected district.
Cost Rs 34,506 & return 1·3%
Area to be benifitted about 300 acres
Subsidy from the Govt. of India Rs 10,573
may be sanctioned

19/3/49 H.M.(P.W.)

24.3 H.Pr.

May be Sanctioned 19.3

G.P.R 25/3

26/3

Cr. 19/3. R 20/3

PWD(J)

To A.S.

Please see the orders in circulation at p12 ante.

A draft order is submitted. Sir may see for acceptance. (A note for circulation to the H Ms who have not seen the case will be put up after issue of the G.O)

PKM
26/3/49

From a put up note for circulation Sir, may not see

26/3/49

26.3.49

ps 1 (1) [Issued as G.O Ms No. 1145 P.W dt 24.3.1949]

To AS

* issued pp53-54 ante A draft * note for circulation to the H Ms who have not seen the case and to the C.S and Fin dept is submitted for approval.

PKM
29/3/49

29/3/49

30/3/49

30.3.49

To AS

The note for circulation has been

@ pp53-54 ante @ issued

2. The file may now be closed.

A | {Separate action will be taken to apply for subsidy on receipt of the Board's further report regarding the Land Acquisition Charges. Vide 'A' on pp 11-12 ante ~~A Call Book entry may be made against 1-5-49 for the purpose.~~

PKM
31.3.49

31/3/49

16 EC

As the area will get assured supply after the scheme is executed he apparently considers that these should also be taken as new area to be brought under second crop cultivation. This argument does not seem to be convincing enough Moreover the E.E. must have taken all these into consideration when he reported that the area to be benefited will be 243 acres. Hence it seems safer to allow this figure already adopted to stand. } At para 1

3. Adopting the enhanced land acquisition charges now reported by the Board the cost of the scheme would work out to Rs 32,970/- for works or Rs 42,897/- including direct and indirect charges. If the area to be benefited is taken as 243 acres as already adopted, the gross revenue would be Rs668/-. Deducting collection and maintenance charges the net revenue would be Rs453/-. These would give a gross return of 1.6% and a net return of 1.1% on the gross outlay. The scheme would be eligible for a subsidy of Rs 14,767/- from India. para 1 at pass of (E) Vide entry at (K) A

4. According to the latest instruction from India particulars of the scheme in the prescribed proforma should be included in the programme for 1949-50 to be forwarded to India and no separate application is necessary for subsidy Subsidy will be sanctioned by India when approving the scheme. The particulars of this scheme as given in para 3 above may be included in the programme for 1949-50 now under compilation to be forwarded to India. not put up

5. Fin. may see for remarks if any. Mr A

ASSISTANT SECRETARY TO GOVERNMENT 87244 22 DEC 1949 FINANCE DEPARTMENT

19.12.49 19/12/49 Mr. 20/12/49 Fin

P. Mem 1845 J/49-6
20.12.49

Fin (Exp)

Please see the notes on pp 1-2 ante.

2 The proposal at A above may be agreed to

P.W.D.(J)

(C.No 1845 J/49)

p1 cf
pp 5-6 cf
p 4

Sub: Irrigation - S. Kanara Dt - Udipi taluk - Chantar Madaga — Improvements - Subsidy

Ref: Govt. Memo No. 1845 J/49-1 dated 3.5.49.
From the Bd. of Rev: Ref H1/7177-48 d 16.6.49
" " " " " B.P.Rt. No 6778/49 d. 6.12.49

p 1 cf (E)

In G.O.Ms. No. 1145 P.W. dated 27.3.49 Sanction was accorded to the estimate amounting to Rs 26,500 for works or Rs 34,506 including direct and indirect charges on improvements to the Chantar madaga tank in South Kanara Dt. In its report on the revenue aspects of the scheme the Board had reported that it was calling for a report as to whether the provision of Rs 8,925 in the estimate for land acquisition was adequate and promised a further report on the point. However, the scheme was sanctioned with the available data and it was decided to obtain the Board's further report before addressing India for subsidy.

para 1 on p 1 cf (E)

para 3 & 4 of p 4 cf (E)

A on pp 11-12 cf (E)

2. The Bd. of Rev. has now reported that the provision of Rs 8925/- for land acquisition made in the estimate is inadequate and that it should be Rs 15,395-10-0. The Board has also obtained a further report from the Collector as regards the area to be benefited and has suggested that it may be taken as 303 acres as against the 243 acres reported by the C.E. before. The Board's recommendation is based on the report of the Collector which in turn is based on the E.E's report at A on p 10 cf. The Tahsildar has reported that an area of 276.31 acres is already under 2nd crop cultivation and the additional area to be brought under 2nd crop will be only 48.17 acres. The E.E agrees that 276.31 acres are already under 2nd crop cultivation but states that it is not known whether this cultivation was cent percent successful

para 2 on p 7 cf

Vide para 4 on p 5 cf.

para 3 on p 7 cf

para 1 on p 35 cf (E)

C on p 9 cf.

X on p 9 cf

A on p 10 cf

in France.

It is presumed that a revised estimate will be issued by the P.W.D. with reference to the anticipated increase in the cost of land acquisition.

29/12/49 P.W.

From No. 87244 dated 30-12-49

P.W.D. (J)

Please see the notes of this dept and of Fin. dept. from p 1 ante.

Fin have agreed to the proposal at A on p 2 ante and the scheme has been included in the Q.M.F. Programme (1949-50) which is being forwarded to the Govt. of India. ~~A draft order sanctioning a revised estimate for the scheme is submitted for approval.~~

With reference to the remarks of Fin at X above it is submitted that the increase in the cost of the scheme due to the enhanced cost of land acquisition is only about Rs. 8400/-. This excess over the sanctioned estimate (i.e. Rs 3450) is within the powers of sanction of the C.E. since he can sanction excess upto 4% over the technically sanctioned estimate with reference to the powers delegated in G.O No 3019 P.W. dt 23-8-48. Hence there is no need now to sanction a revised estimate. However the sanction of Govt for a revised estimate becomes necessary later the case will come upto Govt. and it may then be sanctioned.

This may now be filed with G.O No 1165 P.W dt 27-3-49.

5/1/50.

5/1/50

Chantas Madaga scheme

Subsidy proposals

Total Cost of the scheme

Works outlay	Rs	26,500
Tools and plant at 2% on works outlay	Rs	530
Audit and accounts at 1% on " "	Rs	265
Estt charges at 25% " " "	Rs	6,625
Pensionary charges at 8.4 on estt charges	Rs	586
	Rs	34,506

Area to be benefited — 243 acres of II crop

Addl food production $243 \times \frac{1}{2}$ = 122 tons or 125 tons of rice

Gross Addl revenue.

243 acres of II crop at 2-12-0 per acre = Rs 668/-

Gross Return $\frac{668 \times 100}{34,506}$ = 1.94%

Net return

Deduct Collection charges at 5% of Rs 668/- = 33

Maintenance charges at Rs 12 per acre = 182

Net return = Rs 668 (gross revenue) − 215 = Rs 453

Subsidy for the scheme

Gross addl revenue = Rs 668/-

20 times the gross addl revenue 20×668 } = 13,360

Net outlay on the scheme = Rs 21,146/-

50% of the net outlay $\frac{21,146}{2}$ } = Rs 10,573

Subsidy from Govt = Rs 10,573

Chantar Madaga — Improvements

Cost of works (original) = Rs 26,500/-

Difference in land acquisition charges = 15,395 − 8,925 } = Rs 6,470

Present cost of works = Rs 32,970

Tools and plant at 2% =	659
Audit & Accts at 1% =	330
Estt. charges at 25% =	8,243
Pensy: charges at 8.43% of Estt }	695

Total including direct and indirect charges = Rs 42,897

Area to be benefited = 243 acres of 2nd crop

Gross Addl. Rev:=

243 acres of II crop at 2.12.0 p.a = Rs 668

Gross Return = $\frac{668}{42,897} \times 100 = 1.6\%$

Net Return

Deduct collection charges at 5% = Rs 33
Maintenance charges at 12 p.a = 182

Net return = 668 − 215 = Rs 453

Net return = $\frac{453 \times 100}{42,897} = 1.1\%$

Net outlay = $42,897 - \frac{20 \times 668}{8} = Rs.\ 29,537$

Subsidy from India = $\frac{29,537}{2}$

= Rs. 14768-8-0